

Qy 370 AGCGTCTGGCCGTCTGCTGGC 391
db 2 AGCTGTAGCCGCCCTGCTGGC 23

```

RESULT 15
US-09-324-096A-10/c
; Sequence 10, Application US/09324096A
; Patent No. 6323313
; GENERAL INFORMATION:
; APPLICANT: Tait, Jonathan
; APPLICANT: Brown, David
; TITLE OF INVENTION: ANNEKIN DERIVATIVE WITH ENDOGENOUS CHELATION SITES
; FILE REFERENCE: UOEW-1-13841
; CURRENT APPLICATION NUMBER: US/09/324,096A
; CURRENT FILING DATE: 1999-06-01
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-324-096A-10
Query Match 1.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 600 TGGCGGTGGAGCTGGCCAT 619
      |||||
Db 21 TGGCAGGTGGCTGGCCAT 2

RESULT 16
US-09-667-135-7/c
; Sequence 7, Application US/09667135
; Patent No. 6521749
; GENERAL INFORMATION:
; APPLICANT: Vincent Ling
; APPLICANT: Kyriaki Dounissi-Joannopoulos
; TITLE OF INVENTION: NOVEL GH50 MOLECULES AND USES THEREFOR
; FILE REFERENCE: GNN-007
; CURRENT APPLICATION NUMBER: US/09/667,135
; CURRENT FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-667-135-7
Query Match 1.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 782 GTGTGAGCGCAACTGCAGG 801
      |||||
Db 20 GTGCGAGCGCAGACTGCGGG 1

RESULT 17
US-09-323-920-6
; Sequence 6, Application US/09323920
; Patent No. 6326206
; GENERAL INFORMATION:
; APPLICANT: Bjornvad, Mads Eskelund
; APPLICANT: Rasmussen, Michael Dolberg
; APPLICANT: Jorgensen, Per Lina
; APPLICANT: Borchert, Torben Vedel
; APPLICANT: Erlich, Dr. Stanislas Dusko
; TITLE OF INVENTION: In Vivo Recombination
; FILE REFERENCE: 4833.204-US
; CURRENT APPLICATION NUMBER: US/09/323,920
; CURRENT FILING DATE: 1999-06-10

```


; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-30

Query Match 1.8%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 GTTCTCATGCAGCTGAAG 674
||| ||||| ||||| ||
Db 18 GTTGTATGCAGCTGTAG 1

RESULT 20
US-08-484-956-63
; Sequence 63, Application US/08484956
; Patent No. 5843654
; GENERAL INFORMATION:
; APPLICANT: DAHLBERG, JAMES E.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: OLDENBURG, MARY C.
; APPLICANT: HEISLER, LAURA
; TITLE OF INVENTION: DETECTION OF p53 MUTATIONS
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HAVERSTOCK, MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,956
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/402,601
; FILING DATE: 09-MAR-1995
; PRIOR APPLICATION DATA: US 08/337,164
; APPLICATION NUMBER: US 08/337,164
; FILING DATE: 09-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/254,359
; FILING DATE: 06-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/073,384
; FILING DATE: 04-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/986,330
; FILING DATE: 07-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL J, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01801
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 63:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-484-956-63

Query Match 1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGGG 527
||| ||||| ||||| |||||
Db 1 GCAAGTTTGGCTTTGGG 18

RESULT 21
US-08-757-653-63
; Sequence 63, Application US/08757653
; Patent No. 5843669
; GENERAL INFORMATION:
; APPLICANT: KAISER, MICHAEL W.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: LYAMICHEV, NATASHA
; TITLE OF INVENTION: Cleavage Of Nucleic Acid Using
; TITLE OF INVENTION: Thermostable FEN-1 Endonucleases
; NUMBER OF SEQUENCES: 190
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,653
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: FORS-02565
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-653-63

Query Match 1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGGG 527
||| ||||| ||||| |||||
Db 1 GCAAGTTTGGCTTTGGG 18

RESULT 22
US-08-193-039B-1
; Sequence 1, Application US/08193039B
; Patent No. 5981176

```
;
; GENERAL INFORMATION:
; APPLICANT: Wallace, R. Bruce
; TITLE OF INVENTION: Method of Detecting and
; TITLE OF INVENTION: Discriminating Between Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: City of Hope
; STREET: 1500 East Duarte Road
; CITY: Duarte
; STATE: California
; COUNTRY: United States of America
; ZIP: 91010-0269
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M High Density 3 1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS (R) Version 3.30
; SOFTWARE: Microsoft (R)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/193,039B
; FILING DATE: 04 February 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/05133
; FILING DATE: 17 June 1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: E. Anthony Flagg
; REGISTRATION NUMBER: 27,195
; REFERENCE/DOCKET NUMBER: 2124-108
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; TELEX: No. 5981176e
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Linear
;
; US-08-193-039B-1
;
; Query Match 1.8%; Score 14.8; DB 1; Length 20;
; Best Local Similarity 88.9%; Pred. No. 1.6e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 510 GCCAGTTGGCATTGGG 527
; Db 1 GCAAGTTGGCTTTGGG 18
;
; RESULT 23
; US-08-520-946-63
; Sequence 63, Application US/08520946
; Patent No. 6372424
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; APPLICANT: LYAMICHEV, VICTOR I.
; APPLICANT: OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; TITLE OF INVENTION: PATHOGENS
; NUMBER OF SEQUENCES: 160
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/520,946
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
;
; US-08-520-946-63
;
; Query Match 1.8%; Score 14.8; DB 1; Length 20;
; Best Local Similarity 88.9%; Pred. No. 1.6e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 510 GCCAGTTGGCATTGGG 527
; Db 1 GCAAGTTGGCTTTGGG 18
;
; RESULT 24
; US-09-806-254-6/c
; Sequence 6, Application US/09806254
; Patent No. 6458838
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: Adrenoleukodystrophy Treatments and
; TITLE OF INVENTION: Drug Screening
; FILE REFERENCE: 01107.83615
; CURRENT APPLICATION NUMBER: US/09/806,254
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/102,186
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
;
; US-09-806-254-6
;
; Query Match 1.8%; Score 14.8; DB 1; Length 20;
; Best Local Similarity 88.9%; Pred. No. 1.6e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 511 CCAGTTGGCATTGGGA 528
; Db 19 CCAGTTGGCATTGGGA 2
;
; RESULT 25
; US-09-806-254-8/c
; Sequence 8, Application US/09806254
; Patent No. 6458838
; GENERAL INFORMATION:
; APPLICANT: The Johns Hopkins University School of Medicine
; TITLE OF INVENTION: Adrenoleukodystrophy Treatments and
; TITLE OF INVENTION: Drug Screening
; FILE REFERENCE: 01107.83615
; CURRENT APPLICATION NUMBER: US/09/806,254
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/102,186
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 30
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-806-254-8

Query Match      1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  511 CCAGTTTGGCATTGGGA 528
Db   19 CCAGTTTGGCATTTTGA 2

RESULT 26
US-09-860-761-1
; Sequence 1, Application US/09860761
; Patent No. 6627402
; GENERAL INFORMATION:
; APPLICANT: Wallace, R. Bruce
; TITLE OF INVENTION: Method of Detecting and
; Discriminating Between Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: City of Hope
; STREET: 1500 East Duarte Road
; CITY: Duarte
; STATE: California
; COUNTRY: United States of America
; ZIP: 91010-0269
; MEDIUM TYPE: 3M High Density 3 1/2" diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS (R) Version 3.30
; SOFTWARE: Microsoft (R)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/860,761
; FILING DATE: 21-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER: US/08/193,039B
; FILING DATE: 04 February 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: E. Anthony Figg
; REGISTRATION NUMBER: 27,195
; REFERENCE/DOCKET NUMBER: 2124-108
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; TELEX: No. 6627402e
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-860-761-1

Query Match      1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  510 GCCAGTTTGGCATTGGG 527
Db   1 GCAAGTTTGGCTTTGGG 18

RESULT 27
US-09-655-378A-63
; Sequence 63, Application US/09655378A
```

```
; Patent No. 6673616
; GENERAL INFORMATION:
; APPLICANT: BROW, MARY ANN D.
; LYAMICHEV, VICTOR I.
; OLIVE, DAVID M.
; TITLE OF INVENTION: RAPID DETECTION AND IDENTIFICATION OF
; PATHOGENS
; NUMBER OF SEQUENCES: 165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MEDLEN & CARROLL
; STREET: 220 MONTGOMERY STREET, SUITE 2200
; CITY: SAN FRANCISCO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/655,378A
; FILING DATE: 05-Sep-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: CARROLL, PETER G.
; REGISTRATION NUMBER: 32,837
; REFERENCE/DOCKET NUMBER: FORS-01756
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 63:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 63:
US-09-655-378A-63

Query Match      1.8%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  510 GCCAGTTTGGCATTGGG 527
Db   1 GCAAGTTTGGCTTTGGG 18

RESULT 28
US-09-198-484-9
; Sequence 9, Application US/09198484
; Patent No. 6162435
; GENERAL INFORMATION:
; APPLICANT: Minion, F. Chris
; APPLICANT: Hsu, Tsungda
; TITLE OF INVENTION: RECOMBINANT MYCOPLASMA HYOPNEUMONIAE VACCINE
; FILE REFERENCE: 19000.028/P028
; CURRENT APPLICATION NUMBER: US/09/198,484
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: primer
US-09-198-484-9

Query Match      1.8%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 905 TTTTAAGTGAAGACAG 922
Db 1 TTGTAAGTGAAGCCAG 18

RESULT 29
US-09-667-135-10/c
; Sequence 10, Application US/09667135
; Patent No. 6521749
; GENERAL INFORMATION:
; APPLICANT: Vincent Ling
; APPLICANT: Kyriaki Dunussi-Joannopoulos
; TITLE OF INVENTION: NOVEL GL50 MOLECULES AND USES THEREFOR
; FILE REFERENCE: GNN-007
; CURRENT APPLICATION NUMBER: US/09/667,135
; CURRENT FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-667-135-10

Query Match 1.8%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 404 CTTGCTCCAGCAGGCTCT 421
Db 21 CTTGCTCCAGCAGGCTGT 4

RESULT 30
US-08-154-019-27/c
; Sequence 27, Application US/08154019
; Patent No. 5633076
; GENERAL INFORMATION:
; APPLICANT: Deboer, Herman A.
; APPLICANT: Strijker, Rein
; APPLICANT: Heyneker, Herbert L.
; APPLICANT: Platenburg, Gerald
; APPLICANT: Lee, Sang He
; APPLICANT: Pieper, Frank
; APPLICANT: Krimpenfort, Paul J.A.
; TITLE OF INVENTION: Production of Recombinant Polypeptides
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/154,019
; FILING DATE: 16-NOV-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/461,333
; FILING DATE: 05-JUN-1995
; APPLICATION NUMBER: US 08/077,788
; FILING DATE: 15-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/895,956

; FILING DATE: 15-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/619,131
; FILING DATE: 27-NOV-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/444,745
; FILING DATE: 01-DEC-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschultz, Joe O.
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 16994-003123
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-543-9600
; TELEFAX: 415-543-5043
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-154-019-27

Query Match 1.7%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAACTGTG 786
Db 21 CAGAACTGGAGAAAGTGAG 1

RESULT 31
US-08-461-333-27/c
; Sequence 27, Application US/08461333
; Patent No. 5741957
; GENERAL INFORMATION:
; APPLICANT: Deboer, Herman A.
; APPLICANT: Strijker, Rein
; APPLICANT: Heyneker, Herbert L.
; APPLICANT: Platenburg, Gerald
; APPLICANT: Lee, Sang He
; APPLICANT: Pieper, Frank
; APPLICANT: Krimpenfort, Paul J.A.
; TITLE OF INVENTION: Production of Recombinant Polypeptides
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,333
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/077,788
; FILING DATE: 15-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/895,956
; FILING DATE: 15-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/619,131
; FILING DATE: 27-NOV-1990
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/444,745
FILING DATE: 01-DEC-1989
ATTORNEY/AGENT INFORMATION:
NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16994-003123
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-461-333-27

Query Match 1.7%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAGTGTG 786
Db 21 CAGAACTGGAGAGAGTGTG 1

RESULT 32
US-08-464-167-27/c
Sequence 27, Application US/08464167
Patent No. 6013857
GENERAL INFORMATION:
APPLICANT: Deboer, Herman A.
APPLICANT: Strijker, Rein
APPLICANT: Heyneker, Herbert L.
APPLICANT: Platenburg, Gerald
APPLICANT: Lee, Sang He
APPLICANT: Pieper, Frank
APPLICANT: Krimpenfort, Paul J.A.
TITLE OF INVENTION: Production of Recombinant Polypeptides
TITLE OF INVENTION: by Bovine Species and Transgenic Methods
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,167
FILING DATE: 05-JUN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/077,788
FILING DATE: 15-JUN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/895,956
FILING DATE: 15-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/619,131
FILING DATE: 27-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/444,745
FILING DATE: 01-DEC-1989
ATTORNEY/AGENT INFORMATION:
NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16994-003123
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 27:

REFERENCE/DOCKET NUMBER: 16994-003124
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-464-167-27

Query Match 1.7%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAGTGTG 786
Db 21 CAGAACTGGAGAGAGTGTG 1

RESULT 33
US-09-158-313-27/c
Sequence 27, Application US/09158313
Patent No. 6066725
GENERAL INFORMATION:
APPLICANT: Deboer, Herman A.
APPLICANT: Strijker, Rein
APPLICANT: Heyneker, Herbert L.
APPLICANT: Platenburg, Gerald
APPLICANT: Lee, Sang He
APPLICANT: Pieper, Frank
APPLICANT: Krimpenfort, Paul J.A.
TITLE OF INVENTION: Production of Recombinant Polypeptides
TITLE OF INVENTION: by Bovine Species and Transgenic Methods
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/158,313
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/476,798
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/895,956
FILING DATE: 15-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/619,131
FILING DATE: 27-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/444,745
FILING DATE: 01-DEC-1989
ATTORNEY/AGENT INFORMATION:
NAME: Liebescheutz, Joe O.
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 16994-003125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-543-9600
TELEFAX: 415-543-5043
INFORMATION FOR SEQ ID NO: 27:


```

RESULT 36
US-08-938-059-2/c
; Sequence 2, Application US/08938059
; Patent No. 5972700
; GENERAL INFORMATION:
; APPLICANT: William R. Jacobs, Jr.
; APPLICANT: Stoyan Bardarov
; APPLICANT: Graham F. Hatfull
; TITLE OF INVENTION: TM4 Conditional Shuttle Phasmids and Uses Thereof
; FILE REFERENCE: 96700/517
; CURRENT APPLICATION NUMBER: US/08/938,059
; CURRENT FILING DATE: 1997-09-26
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Word Processor (ASCII)
; SEQ ID NO 2
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Mycobacteria
US-08-938-059-2

Query Match      1.7%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 773 GGAGAGAGAGTGTGAGCGCAA 793
DB 22 GGAGAGAGAGCGGAGAGCAA 2

RESULT 37
US-08-779-916A-65
; Sequence 65, Application US/08779916A
; Patent No. 6063567
; GENERAL INFORMATION:
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; APPLICANT: Hui, May
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,916A
; FILING DATE: 07-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,942
; FILING DATE: 08-JUL-1994
; NAME: Marina T. Larson
; ATTORNEY/AGENT INFORMATION:
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22

```

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer for exon 11 of human RB1 gene
US-08-779-916A-65

Query Match      1.7%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 936 TTTGTTTTATGAGTCAACAG 956
DB 1 TATGATTTTATGAGCAACAG 21

RESULT 38
US-09-930-218-9
; Sequence 9, Application US/09930218
; Patent No. 6677137
; GENERAL INFORMATION:
; APPLICANT: goldshmidt, orit
; APPLICANT: pecker, iris
; APPLICANT: vlodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H
; FILE REFERENCE: 01/22335
; CURRENT APPLICATION NUMBER: US/09/930,218
; CURRENT FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 09/666,390
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
US-09-930-218-9

Query Match      1.7%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 810 AACCTGTACTGTGGTGCT 830
DB 1 AGCCCTGTACTGTGGTGCT 21

RESULT 39
PCT-US95-08604-65
; Sequence 65, Application PC/TUS9508604
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: HSC Research and Development Limited Partnership
; APPLICANT: Gallie, Brenda L.
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for Retinoblastoma
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights

```

STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08604
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/271,942
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: WGEN.P-003-WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 65:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHEICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: primer for exon 11 of human RB1 gene
PCT-US95-08604-65
Query Match 1.7%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 936 TTTTGTATTATGAGTCAACAG 956
Db 1 TATGATTTTATGAGACACAG 21
RESULT 40
US-09-702-327-30
Sequence 30, Application US/09702337
Patent No. 6426220
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
FILE REFERENCE: RTS-0097
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-30
Query Match 1.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 342 CTGTGTCCGAGGCCA 357

Db 4 CTGTGTCCGAGGCCA 19
RESULT 41
US-09-661-753-51/c
Sequence 51, Application US/09661753
Patent No. 6436909
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
FILE REFERENCE: ISPH-0498
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
CURRENT FILING DATE: 2000-09-14
EARLIER APPLICATION NUMBER: 60/154,546
NUMBER OF SEQ ID NOS: 68
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-661-753-51
Query Match 1.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 566 GGGATCCTCGCTGCCT 581
Db 20 GGGATCCTCGCGCCT 5
RESULT 42
US-09-853-768-45/c
Sequence 45, Application US/09853768
Patent No. 6444466
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
FILE REFERENCE: RTS-0217
TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
CURRENT FILING DATE: 2001-05-10
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-853-768-45
Query Match 1.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 310 ATGGGAAGACTGCAG 325
Db 16 ATGGGAAGTCTGCAG 1
RESULT 43
US-09-422-978-5641
Sequence 5641, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
FILE REFERENCE: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 5641
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-5760 for SEQ 1707,
US-09-422-978-5641

Query Match 1.7%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 514 GTTTGGCATTGGAG 529
|||||
DB 5 GTTTGGCATTGGAG 20

RESULT 44
US-08-050-743-6
Sequence 6, Application US/08050743
Patent No. 5447839
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Greer, Catherine E.
APPLICANT: Manos, Michele
APPLICANT: Resnick, Robert M.
APPLICANT: Ting, Yi
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,743
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Sias, Stacey R.
REGISTRATION NUMBER: 32,630
REFERENCE/DOCKET NUMBER: 8793
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2863
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-050-743-6

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTGT 334
|||||
DB 2 AGGTCTGCAGAAAAGCTGT 20

RESULT 45
US-08-474-542A-11
Sequence 11, Application US/08474542A
Patent No. 5527898
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: ImpraIm, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
TITLE OF INVENTION: Polymerase Chain Reaction
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/474,542A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9234
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-474-542A-11

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGAGCTGT 334
|||||
DB 2 AGGTCTGCAGAAAAGCTGT 20

RESULT 46
US-08-457-648-11
Sequence 11, Application US/08457648
Patent No. 5639871
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.

APPLICANT: Imprim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 298
REFERENCE/DOCKET NUMBER: 9205
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-11

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGCTGCAGAGAGCTGT 334
||| ||||| |||||
Db 2 AGGTCGCAGAAAAGCTGT 20

RESULT 47
US-08-452-055-6
Sequence 6, Application US/08452055
Patent No. 5705627
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Greer, Catherine E.
APPLICANT: Manos, Michele
APPLICANT: Resnick, Robert M.
APPLICANT: Ting, Yi
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 85
REFERENCE/DOCKET NUMBER: 9205
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-11

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGCTGCAGAGAGCTGT 334
||| ||||| |||||
Db 2 AGGTCGCAGAAAAGCTGT 20

RESULT 47
US-08-452-055-6
Sequence 6, Application US/08452055
Patent No. 5705627
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Greer, Catherine E.
APPLICANT: Manos, Michele
APPLICANT: Resnick, Robert M.
APPLICANT: Ting, Yi
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 85
REFERENCE/DOCKET NUMBER: 9205
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-11

APPLICANT: Imprim, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 298
REFERENCE/DOCKET NUMBER: 9205
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-452-055-6

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGCTGCAGAGAGCTGT 334
||| ||||| |||||
Db 2 AGGTCGCAGAAAAGCTGT 20

RESULT 48
US-09-288-461-26
Sequence 26, Application US/09288461
Patent No. 6159694
GENERAL INFORMATION:
APPLICANT: Karras, James G.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
FILE REFERENCE: ISPH-0338
CURRENT APPLICATION NUMBER: US/09/288,461
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 107
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-288-461-26

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 TCCATTGAGGTCCTGCGATG 894
||| ||||| |||||
Db 2 TCCATTGAGATCTTGCGATG 20

RESULT 49
US-09-280-805-12/c
Sequence 12, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
FILE REFERENCE: ISPH-0338
CURRENT APPLICATION NUMBER: US/09/280,805
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 271
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-280-805-12/c

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 TCCATTGAGGTCCTGCGATG 894
||| ||||| |||||
Db 2 TCCATTGAGATCTTGCGATG 20

RESULT 49
US-09-280-805-12/c
Sequence 12, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
FILE REFERENCE: ISPH-0338
CURRENT APPLICATION NUMBER: US/09/280,805
CURRENT FILING DATE: 1999-04-08
NUMBER OF SEQ ID NOS: 271
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 26
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-280-805-12/c

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/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-12

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 465 GAGTCACAGAACTTGCA 483
Db 20 GATCTACAGGAAGTTGGTA 2

RESULT 50
US-08-983-466-6
/ Sequence 6, Application US/08983466
/ Patent No. 6207372
/ GENERAL INFORMATION:
/ APPLICANT: SHUBER, ANTHONY P.
/ TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: RAE-VENTER LAW GROUP
/ STREET: 260 Sheridan Ave., Ste. 440
/ CITY: Palo Alto
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94306
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/983,466
/ FILING DATE: 10-FEB-1998
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/474,450
/ FILING DATE: 07-JUNE-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: W096/41012
/ FILING DATE: 06-JUNE-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Rae-Venter, Barbara
/ REGISTRATION NUMBER: 32,750
```

```
/ REFERENCE/DOCKET NUMBER: GECO.001.01US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650) 328-4400
/ TELEFAX: (650) 328-4477
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "oligonucleotide primer"
/ US-08-983-466-6

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 606 GTGGACGTGGCCATCTCAA 624
Db 2 GCGGCCGGGCCATCTCAA 20

RESULT 51
US-09-313-932-305
/ Sequence 305, Application US/09313932A
/ Patent No. 6228642
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Brenda
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Butler, Madeline M.
/ APPLICANT: Shanahan, William R.
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: ISPH-0356
/ CURRENT APPLICATION NUMBER: US/09/313,932A
/ CURRENT FILING DATE: 1999-05-18
/ NUMBER OF SEQ ID NOS: 501
/ SEQ ID NO 305
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic
/ US-09-313-932-305

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 743 AGCCTTGCTCCTTAAGGAG 761
Db 2 AGCCTTGCTCCTTAAGGAG 20

RESULT 52
US-09-048-810-12/c
/ Sequence 12, Application US/09048810
/ Patent No. 6238921
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
/ TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
/ NUMBER OF SEQUENCES: 32
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
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```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA: US/09/048,810
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-12

```

```

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      465 GAGCTCCAGGAAGCTTGCA 483
DB      20 GATCTACAGGAAGCTTGTA 2

```

```

RESULT 53
US-09-194-478-5/c
; Sequence 5, Application US/09194478
; Patent No. 6284463
; GENERAL INFORMATION:
; APPLICANT: Hasebe, Masahisa
; APPLICANT: Goto, Masanori
; APPLICANT: Tosu, Mariko
; TITLE OF INVENTION: Method for Detection of Mutations
; FILE REFERENCES: PU96-1684
; CURRENT APPLICATION NUMBER: US/09/194,478
; CURRENT FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: PCT/SE97/00839
; PRIOR FILING DATE: 1997-05-22
; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
; PRIOR FILING DATE: 1996-05-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
; US-09-194-478-5

```

```

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      767 AGAAGTGGAGAGAGAGTGT 785
DB      20 ACAGCTGGAGAGAGAGT 2

```

```

RESULT 54
US-09-488-856A-45
; Sequence 45, Application US/09488856A
; Patent No. 6316259
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay

```

```

; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPF
; FILE REFERENCE: RTS-0115
; CURRENT APPLICATION NUMBER: US/09/488,856A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-488-856A-45

```

```

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      204 CTGGTTCCCGAGCCCTCTC 222
DB      2 CTGGTTCCCGAGCATCGC 20

```

```

RESULT 55
US-09-851-896-30
; Sequence 30, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT)
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0220
; CURRENT APPLICATION NUMBER: US/09/851,896
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-851-896-30

```

```

Query Match      1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      404 CCTGCTCCAGCAGGCTCTC 422
DB      2 CCAGCTCCACCAGGATCTC 20

```

```

RESULT 56
US-09-676-610B-155/c
; Sequence 155, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-155

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 679 CAGATGGATCTCACACCG 697
|||||
DB 20 CAGATGGATGGAACCCG 2

RESULT 57

US-08-626-285-14/c
; Sequence 14, Application US/08626285
; Patent No. 6458530
; GENERAL INFORMATION:
; APPLICANT: Morris, Macdonald S.
; APPLICANT: Shoemaker, Daniel D.
; APPLICANT: Davis, Ronald W.
; APPLICANT: Mittmann, Michael P.
; TITLE OF INVENTION: Methods and Compositions for Selecting
; TITLE OF INVENTION: Tag Nucleic Acids and Probe Arrays
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/626,285
; FILING DATE: 04-APR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Garrett-Wackowski, Eugenia
; REGISTRATION NUMBER: 37,330
; REFERENCE/DOCKET NUMBER: 16528X-017300US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-626-285-14

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 507 TTGCCAGTTTGCACTTG 525
|||||
DB 20 TTGACCGTTTGCACTG 2

RESULT 58

US-09-844-497-4
; Sequence 4, Application US/09844497
; Patent No. 6541251
; GENERAL INFORMATION:
; APPLICANT: Sarveinick, No. 6541251a
; APPLICANT: Fox, Howard
; TITLE OF INVENTION: Pancreatic Progenitor 1 Gene and its

; TITLE OF INVENTION: Uses
; FILE REFERENCE: STEM005
; CURRENT APPLICATION NUMBER: US/09/844,497
; CURRENT FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: 60/199,752
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: fastseq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: mus musculus
US-09-844-497-4

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCAGAGAGC 372
|||||
DB 1 GCCGTCCTTTCAGAGAGC 19

RESULT 59

US-09-322-624-19
; Sequence 19, Application US/09322624
; Patent No. 6548734
; GENERAL INFORMATION:
; APPLICANT: Glimcher, L et al.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO MODULATION OF
; TITLE OF INVENTION: CARTILAGE GROWTH BY MODULATION OF NFATp ACTIVITY
; FILE REFERENCE: HUI-035CP
; CURRENT APPLICATION NUMBER: US/09/322,624
; CURRENT FILING DATE: 1999-05-28
; EARLIER APPLICATION NUMBER: USSN 09/087,139
; EARLIER FILING DATE: 1998-05-28
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-322-624-19

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAAGTGTGAGC 789
|||||
DB 1 CTGGAGAAGAGCTATGAGC 19

RESULT 60

US-09-198-452A-1292/c
; Sequence 1292, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1292
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-1292

Query Match 1.7%; Score 14.2; DB 1; Length 20;

```
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 642 TCCTCGAACCGAGTCTTC 660
Db 20 TCCTACACCAAGTGGTC 2

RESULT 61
US-09-198-452A-3333/c
; Sequence 3333, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3333
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3333

Query Match 1.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.2e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 460 AGGAGAGCTCCAGGAAT 478
Db 20 AGGAGAGCTCCCTAACT 2

RESULT 62
US-08-137-701-6/c
; Sequence 6, Application US/08137701
; Patent No. 5596090
; GENERAL INFORMATION:
; APPLICANT: HOKE, Glenn D
; APPLICANT: BRADLEY, Matthews O
; APPLICANT: WILLIAMS, Taffy J
; APPLICANT: LEE, Che-Hung
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED
; TITLE OF INVENTION: AGAINST HUMAN VCAM-1 RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Naval Medical Res. & Dev. Cmd.
; STREET: 8901 Wisconsin Ave.
; CITY: Bethesda
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20889-5606
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/137,701
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/919,256
; FILING DATE: 24-JUL-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Spevack, A. David
; REGISTRATION NUMBER: 24,743
; REFERENCE/DOCKET NUMBER: N.C. 75,775
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 295-6759
```

```
TELEFAX: (202) 295-1022
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-137-701-6

Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 GATGCAGAACTGGAGAAG 779
Db 21 GATGAGAACTGGAGGAG 3

RESULT 63
US-08-680-326-140/c
; Sequence 140, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; TITLE OF INVENTION: FIBROMATOSIS
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-680-326-140

Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGAGGCTCTC 422
Db 19 CGTCTCCAGAGGCGCTC 1
```

RESULT 64
US-08-804-439A-89/c
; Sequence 89, Application US/08804439A
; Patent No. 6015565
; GENERAL INFORMATION:
; APPLICANT: Rose, Timothy M.
; APPLICANT: Bosch, Marnix L.
; APPLICANT: Strand, Kurt
; TITLE OF INVENTION: GLYCOPROTEIN B OF THE RFHV/KSHV
; TITLE OF INVENTION: SUBFAMILY OF HERPES VIRUSES
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Ste 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/804,439A
; FILING DATE: February 21, 1997
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Halle, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 09176/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; TELEX:
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-804-439A-89
Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 404 CCTGCTCCAGCAGGCTCTC 422
Db 19 CGTCTCCAGCAGGCCCTC 1
RESULT 65
US-08-720-229-89/c
; Sequence 89, Application US/08720229
; Patent No. 602542
; GENERAL INFORMATION:
; APPLICANT: Rose, Timothy M.
; APPLICANT: Bosch, Marnix L.
; APPLICANT: Strand, Kurt
; TITLE OF INVENTION: GLYCOPROTEIN B OF THE RFHV/KSHV
; TITLE OF INVENTION: SUBFAMILY OF HERPES VIRUSES
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/720,229
FILING DATE: 26-SEP-1996
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Schiff, J. Michael
REGISTRATION NUMBER: 40,253
REFERENCE/DOCKET NUMBER: 29938-20002.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 89:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-720-229-89
Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 404 CCTGCTCCAGCAGGCTCTC 422
Db 19 CGTCTCCAGCAGGCCCTC 1
RESULT 66
US-09-324-096A-9
; Sequence 9, Application US/09324096A
; Patent No. 6323313
; GENERAL INFORMATION:
; APPLICANT: Tait, Jonathan
; APPLICANT: Brown, David
; TITLE OF INVENTION: ANNEXIN DERIVATIVE WITH ENDOGENOUS CHELATION SITES
; FILE REFERENCE: UOFW-1-13841
; CURRENT APPLICATION NUMBER: US/09/324,096A
; CURRENT FILING DATE: 1999-06-01
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-324-096A-9
Query Match 1.7%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 600 TGGCGGTGGACGTGGCCA 618
Db 3 TGGCAGGTGGCTGTGGCCA 21
RESULT 67
US-08-446-926A-4
; Sequence 4, Application US/08446926A
; Patent No. 5567586
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo M.
; TITLE OF INVENTION: METHODS OF IDENTIFYING SOLID TUMORS WITH
; TITLE OF INVENTION: CHROMOSOME ABNORMALITIES IN THE ALL-1 REGION
; TITLE OF INVENTION: AND DIAGNOSTIC KITS FOR PERFORMING SAME
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5567586ris
; STREET: One Liberty Place, 46th floor

```

; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,926A
; FILING DATE: 18-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark DeLuca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1466
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-446-926A-4

Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTG 690
DB 2 CACAGATGGATCTG 15

RESULT 68
US-08-545-860D-86
; Sequence 86, Application US/08545860D
; Patent No. 6040140
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Canaan, Eli
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1 Region
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
; ADDRESSEE: No. 6040140ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,860D
; FILING DATE: 07-MAR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04496
; FILING DATE: 22-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/10930
; FILING DATE: 09-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/327,392

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; FILING DATE: 19-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/320,559
; FILING DATE: 11-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/062,443
; FILING DATE: 14-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/971,094
; FILING DATE: 30-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/888,839
; FILING DATE: 27-MAY-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/805,093
; FILING DATE: 11-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca Esq., Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-545-860D-86

Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTG 690
DB 2 CACAGATGGATCTG 15

RESULT 69
US-09-487-368A-53/c
; Sequence 53, Application US/09487368A
; Patent No. 6261840
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: RTS-0093
; CURRENT APPLICATION NUMBER: US/09/487,368A
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 240
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-487-368A-53

Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 698 CTTGAGGTGCCCA 711
DB 17 CTTGAGGTGCCCA 4

RESULT 70

```


US-09-629-644A-53/c
; Sequence 53, Application US/09629644A
; Patent No. 6602857
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freiler
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0478
; CURRENT APPLICATION NUMBER: US/09/629,644A
; CURRENT FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 242
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-53
Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 698 CTTGAGGTGCCCA 711
Db 17 CTTGAGGTGCCCA 4
RESULT 71
US-09-954-560-39/c
; Sequence 39, Application US/09954560
; Patent No. 6524854
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII ALPHA EXPRESSION
; FILE REFERENCE: RTS-0132
; CURRENT APPLICATION NUMBER: US/09/954,560
; CURRENT FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-954-560-39
Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 300 GGGGCCCTGCATGG 313
Db 14 GGGGCCCTGCATGG 1
RESULT 72
PCT-US94-04496-86
; Sequence 86, Application PC/TUS9404496
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Canaani, Eli
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1
; NUMBER OF SEQUENCES: 86

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
; ADDRESSEE: Norris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04496
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca Esq., Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TLU-1242
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US94-04496-86
Query Match 1.7%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 677 CACAGATGGATCTG 690
Db 2 CACAGATGGATCTG 15
RESULT 73
US-09-434-840-20
; Sequence 20, Application US/09434840
; Patent No. 8620985
; GENERAL INFORMATION:
; APPLICANT: Glazebrook, Jane
; APPLICANT: Jitaga, Dayadevi
; APPLICANT: Tootle, Tina L
; APPLICANT: Zhou, Nan
; APPLICANT: Feys, Bart
; TITLE OF INVENTION: PAD4 COMPOSITIONS AND METHODS THEREFOR
; FILE REFERENCE: 043503.0009
; CURRENT APPLICATION NUMBER: US/09/434,840
; CURRENT FILING DATE: 1999-11-04
; EARLIER APPLICATION NUMBER: 09/190,733
; EARLIER FILING DATE: 1998-11-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 20
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer PAD4.5
US-09-434-840-20
Query Match 1.7%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 707 GCCCATAGCCAAT 720
 Db 2 GCCCATAGCCAAT 15

RESULT 74

US-09-021-701-111
 ; Sequence 111, Application US/09021701
 ; Patent No. 6251588
 ; GENERAL INFORMATION:
 ; APPLICANT: Shannon, Karen W.
 ; APPLICANT: Wolber, Paul K.
 ; APPLICANT: Delenstarr, Glenda C.
 ; APPLICANT: Webb, Peter G.
 ; APPLICANT: Kincaid, Robert H.
 ; TITLE OF INVENTION: Methods for evaluating oligonucleotide
 ; TITLE OF INVENTION: probe sequences
 ; NUMBER OF SEQUENCES: 1165
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20
 ; STREET: 3000 Hanover Street
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/021,701
 ; FILING DATE: 10-FEB-1998
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Choi, Wendy A.
 ; REGISTRATION NUMBER: 36,697
 ; REFERENCE/DOCKET NUMBER: 10971464-1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 650-236-2386
 ; TELEFAX: 650-852-8063
 ; INFORMATION FOR SEQ ID NO: 111:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; HYPOTHEICAL: NO
 ; ANTI-SENSE: NO

US-09-021-701-111

Query Match 1.7%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2e+02; 2; Indels 0; Gaps 0;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 133 TGCTGCTTTGGGGCT 149
 Db 1 TGCTGCTTTGGGGCT 17

RESULT 75

US-08-679-645-147
 ; Sequence 147, Application US/08679645
 ; Patent No. 6350934
 ; GENERAL INFORMATION:
 ; APPLICANT: Zwick, Michael G.
 ; APPLICANT: Edington, Brent E.
 ; APPLICANT: McSwiggen, James A.
 ; APPLICANT: Merlo, Patricia Ann Owens
 ; APPLICANT: Guo, Lining
 ; APPLICANT: Skokut, Thomas A.

; APPLICANT: Young, Scott A.
 ; APPLICANT: Folkerts, Otto
 ; APPLICANT: Merlo, Donald J.
 ; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 ; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
 ; TITLE OF INVENTION: IN PLANTS
 ; NUMBER OF SEQUENCES: 1263
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/679,645
 ; FILING DATE: July 12, 1996
 ; CLASSIFICATION: 800
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/001,135
 ; FILING DATE: July 13, 1995
 ; APPLICATION NUMBER: 08/300,726
 ; FILING DATE: September 2, 1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 219/247
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 147:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-679-645-147

Query Match 1.7%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 2e+02; 2; Indels 0; Gaps 0;
 Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 776 GAAGAAGTGTGAGCGCA 792
 Db 1 GAAGAAGTGTGAGCGCA 17

RESULT 76

US-09-866-108A-8379/c
 ; Sequence 8379, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8379
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8379

Query Match 1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 15; Conservative 0;

QY 405 CTGCTCCAGCAGGCTT 421
Db 17 CTGCTCCAGCTGGCT 1

RESULT 77
US-09-866-108A-8381/c
; Sequence 8381, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8381
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8381

Query Match 1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 15; Conservative 0;

QY 403 CCCTGCTCCAGCAGGCT 419
Db 17 CTCGCTCCAGCTGGCT 1

RESULT 78
US-09-866-108A-8382/c
; Sequence 8382, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8382
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8382

Query Match 1.7%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 15; Conservative 0;

QY 402 ACCCTGCTCCAGCAGGC 418
Db 17 ACTCTGCTCCAGCTGGC 1

RESULT 79
 US-09-866-108A-8383/c
 ; Sequence 8383, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeonica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8383
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8383

Query Match 1.7%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 2e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCACGAG 417
 Db 17 CACTGCTCCACGCTG 1

RESULT 80
 US-09-213-767-44/c
 ; Sequence 44, Application US/09213767
 ; Patent No. 5948680
 ; GENERAL INFORMATION:
 ; APPLICANT: Brenda F. Baker
 ; APPLICANT: Lex M. Cowser
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
 ; FILE REFERENCE: RIS-0024
 ; CURRENT APPLICATION NUMBER: US/09/213,767
 ; CURRENT FILING DATE: 1998-12-17
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO 44
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-213-767-44

Query Match 1.7%; Score 13.8; DB 1; Length 18;
 Best Local Similarity 88.2%; Pred. No. 2.2e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 GTTTTGTTCATGAGTC 951
 Db 18 GTTTTGTTCATTC 2

RESULT 81
 US-08-222-177A-208/c
 ; Sequence 208, Application US/08222177A
 ; Patent No. 5582979
 ; GENERAL INFORMATION:
 ; APPLICANT: Weber, James L.
 ; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
 ; TITLE OF INVENTION: (GC-DA)n.(GG-GT)n SEQUENCES AND METHODS OF USING SAME
 ; NUMBER OF SEQUENCES: 460
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Demitt Ross & Stevens, S. C.
 ; STREET: 8000 Excelsior Drive, Suite 401
 ; CITY: Madison
 ; STATE: Wisconsin
 ; COUNTRY: USA
 ; ZIP: 53717-1914
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/222,177A
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/341,562
 ; FILING DATE: 21-APR-1989
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Saxa, Charles S.
 ; REGISTRATION NUMBER: 30,492
 ; REFERENCE/DOCKET NUMBER: 09865.601
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (608) 831-2100
 ; TELEFAX: (608) 831-2106
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 208:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 19 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; IMMEDIATE SOURCE:
 ; CLONE: mfd54p1
 US-08-222-177A-208

Query Match 1.7%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 2.4e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 350 CAGCGCCAACTGTCAG 366
 Db 17 CAGCCTCAACTGTCAG 1

RESULT 82
 US-09-102-491-5
 ; Sequence 5, Application US/09102491
 ; Patent No. 6238876
 ; GENERAL INFORMATION:

; APPLICANT: Altaba, Ariel Ruzi
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
; FILE REFERENCE: 1049-1-008N
; CURRENT APPLICATION NUMBER: US/09/102,491
; EARLIER FILING DATE: 1998-06-22
; EARLIER APPLICATION NUMBER: 60/050,286
; EARLIER FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-102-491-5

Query Match 1.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 462 GAAGAGCTCCAGAACT 478
Db 1 GAAGATCTCCAGAACT 17

RESULT 83
US-09-422-978-7203
; Sequence 7203, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7203
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-2903 for SEQ 3269,
US-09-422-978-7203

Query Match 1.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 767 AGAAGTGGAGAAAGCT 783
Db 1 AGAAGTGGAGAAAGCT 17

RESULT 84
US-09-422-978-10360
; Sequence 10360, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; EARLIER FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10360
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-11381 for SEQ 2495, in compleme
US-09-422-978-10360

Query Match 1.7%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 616 CCATCTCACCAGCGCT 632
Db 1 CCATCTCACCATCACT 17

RESULT 85
US-08-605-089-27/c
; Sequence 27, Application US/08605089
; Patent No. 5719026
; GENERAL INFORMATION:
; APPLICANT: Takafumi FUKUI
; APPLICANT: Kiyonori KATSURAGI
; APPLICANT: Moritoshi KINOSHITA
; APPLICANT: Sadahito SHIN
; TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
; HUMAN CYTOCHROME P4501A2 GENE
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/605,089
; FILING DATE: 06-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JPA-6-154571
; FILING DATE: 06-JUL-1994
; APPLICATION NUMBER: PCT/JP95/01352
; FILING DATE: 06-JUL-1995
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 BASES
; TYPE: NUCLEOTIDE
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
US-08-605-089-27

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 948 AGTCACAGCTGGCAG 964
 Db 17 AGTCAAGAGCTGGTAG 1

RESULT 86
 US-08-687-865A-18
 ; Sequence 18, Application US/08687865A
 ; Patent No. 5955596
 ; GENERAL INFORMATION:
 ; APPLICANT: Jones, Kevin F.
 ; APPLICANT: Zagursky, Robert J.
 ; APPLICANT: Cui, Peggy
 ; TITLE OF INVENTION: The NuCA Protein of Haemophilus
 ; TITLE OF INVENTION: influenzae and the Gene Encoding That Protein
 ; NUMBER OF SEQUENCES: 23
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: American Cyanamid Company
 ; STREET: One Cyanamid Plaza
 ; CITY: Wayne
 ; STATE: New Jersey
 ; COUNTRY: U.S.A.
 ; ZIP: 07470
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/687,865A
 ; FILING DATE: 26-JUL-1996
 ; CLASSIFICATION: 536
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Gordon, Alan M.
 ; REGISTRATION NUMBER: 30,637
 ; REFERENCE/DOCKET NUMBER: 33,250-00
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 201-831-3244
 ; TELEFAX: 201-831-3305
 ; INFORMATION FOR SEQ ID NO: 18:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-08-687-865A-18

Query Match 1.7%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 TCACAGATGATCTGCA 692
 Db 3 TCACAGCTGATCTGCA 19

RESULT 87
 US-08-837-201C-99/c
 ; Sequence 99, Application US/08837201C
 ; Patent No. 5985558
 ; GENERAL INFORMATION:
 ; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
 ; APPLICANT: Miraglia, Brenda F. Baker
 ; TITLE OF INVENTION: Antisense Oligonucleotide
 ; TITLE OF INVENTION: Compositions and Methods for the Modulation of
 ; TITLE OF INVENTION: Activating Protein 1
 ; NUMBER OF SEQUENCES: 139
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: East Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: USA
 ZIP: 08053
 COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/837,201C
 FILING DATE: April 14, 1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Jane Massey Licata
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0209
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (609) 810-1515
 TELEFAX: (609) 810-1454
 INFORMATION FOR SEQ ID NO: 99:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-08-837-201C-99

Query Match 1.7%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 615 GCCATCTCAACGCGC 631
 Db 18 GCCATCTCCACGCCC 2

RESULT 88
 US-09-289-267-157
 ; Sequence 157, Application US/09289267A
 ; Patent No. 6046320
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Lex M. Cowsett
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MDX EXPRESSION
 ; FILE REFERENCE: RTS-0049
 ; CURRENT APPLICATION NUMBER: US/09/289,267A
 ; CURRENT FILING DATE: 1999-04-04
 ; NUMBER OF SEQ ID NOS: 166
 ; SEQ ID NO 157
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-09-289-267-157

Query Match 1.7%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 2.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 795 CTCGAGGACTGACTGAA 811
 Db 2 CTCGAGGACTGCTGAA 18

RESULT 89
 US-09-435-296-49/c
 ; Sequence 49, Application US/09435296
 ; Patent No. 6171860

```
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
; FILE REFERENCE: RTS-0116
; CURRENT APPLICATION NUMBER: US/09/435,296
; CURRENT FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-435-296-49

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 TGCAGGACTGCTGAAC 812
Db 18 TGCAGGACTGCTGAAC 2

RESULT 90
US-09-290-640-68/c
; Sequence 68, Application US/09290640
; Patent No. 6204055
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPR-0351
; CURRENT APPLICATION NUMBER: US/09/290,640
; CURRENT FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-290-640-68

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 320 CTGCAGAGAGCTGTGG 336
Db 17 CTGCAGACATGCTGTGG 1

RESULT 91
US-09-043-711-18
; Sequence 18, Application US/09043711
; Patent No. 6221365
; GENERAL INFORMATION:
; APPLICANT: Jones, Kevin F.
; APPLICANT: Zagursky, Robert J.
; APPLICANT: Cooi, Peggy
; TITLE OF INVENTION: The NuCA Protein of Haemophilus
; TITLE OF INVENTION: Influenzae and the Gene Encoding That Protein
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07470
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/043,711
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: US 08/687,865
; APPLICATION NUMBER:
; FILING DATE: 26-JUL-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Gordon, Alan M.
; REGISTRATION NUMBER: 30,637
; REFERENCE/DOCKET NUMBER: 33,250-00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-831-3244
; TELEFAX: 201-831-3305
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-043-711-18

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 TCACAGATGATCTGCA 692
Db 3 TCACAGCTGCATCTGCA 19

RESULT 92
US-09-487-445-127
; Sequence 127, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 127
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-127

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTCT 421
Db 2 CTTCCTCCAGCAGGCTCT 18

RESULT 93
US-08-473-319-16
; Sequence 16, Application US/08473319
; Patent No. 6303294
; GENERAL INFORMATION:
; APPLICANT: Emanuel, Beverly S.
; APPLICANT: Budarf, Marcia L.
```

APPLICANT: Driscoll, Deborah
TITLE OF INVENTION: METHODS OF DETECTING GENETIC DELETIONS
TITLE OF INVENTION: AND MUTATIONS ASSOCIATED WITH DIGORGE SYNDROME,
TITLE OF INVENTION: VELOCARDIOFACIAL SYNDROME, CHARGE ASSOCIATION, CONOTRUNCAL
TITLE OF INVENTION: CARDIAC DEFECT, AND CLEFT PALATE AND PROBES USEFUL
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: WOODCOCK, WASHBURN, KURTZ, MACKIEWICZ &
ADDRESS: One Liberty Place, 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,319
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/770,758
FILING DATE: 04-OCT-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/911,534
FILING DATE: 10-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/156,672
FILING DATE: 22-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Yanko Trujillo, Doreen
REGISTRATION NUMBER: 35,719
REFERENCE/DOCKET NUMBER: CH-0610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-564-8352
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-473-319-16

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 TGATGAGCCCACTCCA 879
Db 4 TAATGAGCCCACTCCA 20

RESULT 94
US-09-593-589-83/c
Sequence 83, Application US/09593589
Patent No. 6306655
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION
FILE REFERENCE: R1S-0119
CURRENT APPLICATION NUMBER: US/09/593,589
CURRENT FILING DATE: 2000-06-13
NUMBER OF SEQ ID NOS: 94
SEQ ID NO 83
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-589-83

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 233 GCGCGTGGCTCAGCTCT 249
Db 17 GCGTGGTGGTCTCT 1

RESULT 95
US-09-364-416-99/c
Sequence 99, Application US/09364416
Patent No. 6312900
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,416
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201
FILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 99:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-364-416-99

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 615 GCCATCTCCACGAGCC 631
Db 18 GCCATCTCCACGAGCC 2

RESULT 96
US-09-305-984-69/c
Sequence 69, Application US/09305984B
Patent No. 6331407


```

; GENERAL INFORMATION:
; APPLICANT: NO. 6331407ak, Rodger
; APPLICANT: Toumanen, Elaine
; TITLE OF INVENTION: NOVEL ANTIBIOTICS AND METHODS OF USING THE SAME
; FILE REFERENCE: 1340-1-016N1
; CURRENT APPLICATION NUMBER: US/09/305,984B
; CURRENT FILING DATE: 1999-05-05
; EARLIER APPLICATION NUMBER: 60/084,399
; EARLIER FILING DATE: 1998-05-06
; EARLIER APPLICATION NUMBER: 09/305,984
; EARLIER FILING DATE: 1999-05-05
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-305-984-69

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 CCTTCAGCAGAGCTC 470
DB 17 CCATCAGCAGAGCTC 1

RESULT 97
US-09-488-074-13
; Sequence 13, Application US/09488074
; Patent No. 6339071
; GENERAL INFORMATION:
; APPLICANT: LEVESQUE, Luc
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATING
; FILE REFERENCE: CYCLIN E GENE EXPRESSION AND THERAPEUTIC USES THEREOF
; FILE REFERENCE: 12168-3US
; CURRENT APPLICATION NUMBER: US/09/488,074
; CURRENT FILING DATE: 2000-01-20
; EARLIER APPLICATION NUMBER: US 60/140,446
; EARLIER FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-488-074-13

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACACGGCTT 700
DB 4 GGCTTCGACACGGCTT 20

RESULT 98
US-09-026-033-14
; Sequence 14, Application US/09026033
; Patent No. 6368791
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rapoport, Eric
; TITLE OF INVENTION: METHOD AND KITS FOR ANALYSIS OF
; TITLE OF INVENTION: CHROMOSOMAL REARRANGEMENTS ASSOCIATED WITH LEUKEMIA
; NUMBER OF SEQUENCES: 23

```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: One Commerce Square, 2005 Market Street, 22nd
; STREET: Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/026,033
; FILING DATE: 19-FEB-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/038,624
; FILING DATE: 19-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/056,923
; FILING DATE: 26-AUG-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/065,911
; FILING DATE: 17-NOV-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Doyle Leary, Ph.D., Kathryn
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 7600-10U1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-965-1284
; TELEFAX: 215-567-2991
; TELEX: 831-494
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-026-033-14

Query Match      1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 836 TGGTACCAGACACAGC 852
DB 2 TGGTACCAGACACAGGC 18

RESULT 99
US-09-702-251-60
; Sequence 60, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-702-251-60

Query Match      1.7%; Score 13.8; DB 1; Length 20;

```

```

; Patent No. 6607916
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0159
; CURRENT APPLICATION NUMBER: US/09/780,172
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-172-87

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 497 AATTGGAGATTGGCCA 513
||| ||||| |||||
DB 20 AATGGAGATGTGCCA 4

RESULT 103
US-10-054-225-9/c
; Sequence 9, Application US/10054225
; Patent No. 6623931
; GENERAL INFORMATION:
; APPLICANT: Saint Jude Children's Research Hospital
; APPLICANT: Tuomanen, Elaine
; APPLICANT: Atkinson, Robyn M
; TITLE OF INVENTION: Diagnostic Assay for Antibiotic Tolerance
; FILE REFERENCE: SJ-01-0022
; CURRENT APPLICATION NUMBER: US/10/054,225
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Streptococcus pneumoniae
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: (1)..(20)
; OTHER INFORMATION: forward PCR primer sequence about 90 bp upstream of Pep27 SNP
US-10-054-225-9

Query Match 1.7%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 2.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 CCTTCCAGGAGAGCTC 470
||| ||||| |||||
DB 17 CCATCCAGCAAGAGCTC 1

RESULT 104
US-09-493-940-69/c
; Sequence 69, Application US/09493940
; Patent No. 6630583
; GENERAL INFORMATION:
; APPLICANT: No. 6630583ak, Rodger
; APPLICANT: Tuomanen, Elaine
; TITLE OF INVENTION: NOVEL ANTIBIOTICS AND METHODS OF USING THE SAME
; FILE REFERENCE: 1340-1-016N1
; CURRENT APPLICATION NUMBER: US/09/493,940
; CURRENT FILING DATE: 2000-01-28
; EARLIER APPLICATION NUMBER: 60/084,399
; EARLIER FILING DATE: 1998-05-06

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; EARLIER APPLICATION NUMBER: 09/305,984
; EARLIER FILING DATE: 1999-05-05
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-493-940-69

Query Match
Best Local Similarity 1.7%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 CTTCCAGGAGGCTC 470
Db 17 CCATCAGCAGAGCTC 1

RESULT 105
US-09-665-615B-68/c
; Sequence 68, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Anticarsine Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-665-615B-68

Query Match
Best Local Similarity 1.7%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 320 CTGCAGAGAGCTGTGG 336
Db 17 CTGCAGACATGCTGTGG 1

RESULT 106
US-07-977-284A-140
; Sequence 140, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvanlemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia

; EARLIER APPLICATION NUMBER: 09/305,984
; EARLIER FILING DATE: 1999-05-05
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-493-940-69

Query Match
Best Local Similarity 1.7%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 454 CTTCCAGGAGGCTC 470
Db 17 CCATCAGCAGAGCTC 1

RESULT 105
US-09-665-615B-68/c
; Sequence 68, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Anticarsine Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-665-615B-68

Query Match
Best Local Similarity 1.7%; Score 13.8; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 320 CTGCAGAGAGCTGTGG 336
Db 17 CTGCAGACATGCTGTGG 1

RESULT 106
US-07-977-284A-140
; Sequence 140, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvanlemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
```

```
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
US-07-977-284A-140

Query Match
Best Local Similarity 1.7%; Score 13.8; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769
Db 1 CTTCAGGAGAGGGCAGA 17

RESULT 107
US-07-977-284A-143/c
; Sequence 143, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvanlemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
```

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; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; US-07-977-284A-143

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CTTAAGGAGGAGCAGA 769
Db 21 CTTAAGGAGGAGCAGA 5

RESULT 108
US-08-477-877B-80/c
; Sequence 80, Application US/08477877B
; Patent No. 5730979
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latime, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,877B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-146
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; NAME/KEY: PCR primer
; US-08-472-281A-80

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 TCAGCTCTTGAAGGACT 258
Db 20 TCAGGTCATGAGGACT 4

RESULT 109
US-08-472-281A-80/c
; Sequence 80, Application US/08472281A
; Patent No. 5817311
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latime, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,281A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-142
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; FEATURE:
; NAME/KEY: PCR primer
; US-08-472-281A-80

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 TCAGCTCTTGAAGGACT 258
Db 20 TCAGGTCATGAGGACT 4
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```

RESULT 110
US-08-468-819-31
; Sequence 31, Application US/08468819
; Patent No. 5871723
; GENERAL INFORMATION:
; APPLICANT: Strieter, Robert M.
; APPLICANT: Polverini, Peter J.
; APPLICANT: Kunkel, Steven L.
; TITLE OF INVENTION: CXG Chemokines as Regulators of
; TITLE OF INVENTION: Angiogenesis
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,819
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-468-819-31
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CAGCGGGACTTTCAGGT 936
Db 1 CAGCGGGGCTTGCAGGT 17

RESULT 111
US-08-468-819-49
; Sequence 49, Application US/08468819
; Patent No. 5871723
; GENERAL INFORMATION:
; APPLICANT: Strieter, Robert M.
; APPLICANT: Polverini, Peter J.
; APPLICANT: Kunkel, Steven L.
; TITLE OF INVENTION: CXG Chemokines as Regulators of
; TITLE OF INVENTION: Angiogenesis
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,819
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-468-819-31
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CAGCGGGACTTTCAGGT 936
Db 1 CAGCGGGGCTTGCAGGT 17

RESULT 112
US-08-680-326-143
; Sequence 143, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 143:

```

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/468,819
; FILING DATE: Concurrently herewith
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; US-08-468-819-49
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e-02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 920 CAGCGGGACTTTCAGGT 936
Db 1 CAGCGGGGCTTGCAGGT 17

RESULT 112
US-08-680-326-143
; Sequence 143, Application US/08680326
; Patent No. 5925733
; GENERAL INFORMATION:
; APPLICANT: ROSE, TIMOTHY M.
; APPLICANT: BOSCH, MARNIX
; APPLICANT: STRAND, KURT
; APPLICANT: TODARO, GEORGE J.
; TITLE OF INVENTION: DNA POLYMERASE OF GAMMA HERPES VIRUSES
; TITLE OF INVENTION: ASSOCIATED WITH KAPOSI'S SARCOMA AND RETROPERITONEAL
; NUMBER OF SEQUENCES: 152
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/680,326
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Schiff, J. Michael
; REGISTRATION NUMBER: 40,253
; REFERENCE/DOCKET NUMBER: 29938-20001.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 143:

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SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-680-326-143

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 259 TAGACAGGAGCACCTTC 275
Db 5 TAGACAGGAGGAGCTTC 21

RESULT 113
US-08-256-426B-140
; Sequence 140, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611iris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: YES
US-08-256-426B-140

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769

Db 1 CTTACAGGAGGGCAGA 17

RESULT 114
US-08-256-426B-143/c
; Sequence 143, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611iris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10964
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark Deluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1082
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 143:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
ANTI-SENSE: NO
US-08-256-426B-143

Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769
Db 21 CTTACAGGAGGGCAGA 5

RESULT 115
US-08-477-989B-80/c
; Sequence 80, Application US/08477989B
; Patent No. 5951983
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; APPLICANT: Kaplan, Ruth

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; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Highlander, Steven L.
; REGISTRATION NUMBER: 37,642
; REFERENCE/DOCKET NUMBER: UMC:003/HYL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7477
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 49:
US-09-213-383-49
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 920 CAGCGGACTTCAGGT 936
Db 1 CAGCGGGGCTTCAGGT 17
RESULT 118
US-09-422-978-7911
; Sequence 7911, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Cohen, Daniel
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7911
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-12585 for SEQ 46, in complemen
US-09-422-978-7911
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 472 AGGAAGTTCGCTTCAT 488
Db 1 AGGAAGTTCGCTTCAT 17
RESULT 119
US-09-422-978-8184/c
; Sequence 8184, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8184
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-14203 for SEQ 319, in complemen
US-09-422-978-8184
Query Match 1.7%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 2.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 194 GGTCAAGTTCTCGGTT 210
Db 18 GGTCAAGTTCTCGGTT 2
RESULT 120
US-07-994-133-17
; Sequence 17, Application US/07994133
; Patent No. 5436392
; GENERAL INFORMATION:
; APPLICANT: Thomas, John C.
; APPLICANT: Bohnert, Hans J.
; APPLICANT: Kanost, Michael R.
; TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING M. SEXTA
; TITLE OF INVENTION: PROTEASE INHIBITOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee and Winner
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: CO
; COUNTRY: USA
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/994,133
; FILING DATE: 19921221
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenlee, Lorance L.
; REGISTRATION NUMBER: 27,894
; REFERENCE/DOCKET NUMBER: 48-92
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303/499-8080
; TELEFAX: 303/499-8089
; TELEX: 823189
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear


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; MOLECULE TYPE: DNA (genomic)
US-07-994-133-17
Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 236 CGTGGCTCAGCTCTGAAG 255
DB 1 CGCTCCTCAGCTCTGAAG 20

RESULT 121
US-08-250-856A-31
; Sequence 1, Application US/08250856A
; Patent No. 5563255
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/250,856A
; FILING DATE: May 31, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0094
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-250-856A-31
Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAAGTTGTTGAACCTGTAG 297
DB 1 AATGCTGGTGAACCTGTAG 20

RESULT 122
US-08-162-406-1/c
; Sequence 1, Application US/08162406
; Patent No. 5641484
; GENERAL INFORMATION:
; APPLICANT: Mien-Chie Hung
; APPLICANT: Di-Hua Yu
; APPLICANT: Angabin Matin
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE SUPPRESSION OF NEU MEDIATED TRANSFORMATION
; TITLE OF INVENTION: SUPPRESSION OF NEU MEDIATED TRANSFORMATION
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,359
; FILING DATE: 15-JUL-1994
; CLASSIFICATION: 514
```

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; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: UTSC:416/WIM
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-276-359-1
;
; Query Match 1.6%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 447 CCAGATGCCCTCCAGGA 466
Db 20 CCACTGCATCCAGCAGA 1

;
; RESULT 124
; Sequence 8, Application US/08350325A
; Patent No. 5747329
; GENERAL INFORMATION:
; APPLICANT: Alton Meister, Chin-Shiou Huang, and Mary
; APPLICANT: E. Anderson
; TITLE OF INVENTION: Glutamylcysteine Synthetase Light
; TITLE OF INVENTION: Subunit
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Yahwak & Associates
; STREET: 25 Skycop Drive
; CITY: Trumbull
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06611
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Microsoft Word 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/350,325A
; FILING DATE: December 5th 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Yahwak, George M.
; REGISTRATION NUMBER: 26,824
; REFERENCE/DOCKET NUMBER: CRF D 1403
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203 268 1951
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-350-325A-8
;
; Query Match 1.6%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 456 TTCAGGAGAGCTCCAGGA 475
Db 20 CCACTGCATCCAGCAGA 1

;
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: UTSC:416/WIM
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-276-359-1
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; Query Match 1.6%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 447 CCAGATGCCCTCCAGGA 466
Db 20 CCACTGCATCCAGCAGA 1

;
; RESULT 125
; Sequence 36, Application US/08244116B
; Patent No. 5763159
; GENERAL INFORMATION:
; APPLICANT: Simmonds, Peter
; APPLICANT: Chan, Shiu-Wan
; APPLICANT: Yap, Peng L.
; TITLE OF INVENTION: Hepatitis-C Virus Testing
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
; STREET: 1211 East Morehead Street
; CITY: Charlotte
; STATE: No. 5763159th Carolina
; COUNTRY: United States
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0. Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,116B
; FILING DATE: 15-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02143
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 1749-125
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 704-377-1561
; TELEFAX: 704-334-2014
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Hepatitis-C virus
US-08-244-116B-36
;
; Query Match 1.6%; Score 13.6; DB 1; Length 20;
; Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 208 GTTCCAGCCCTCTCCAGAA 227
Db 1 GGTCCACCCCTCTCTGTGA 20

;
; RESULT 126
; Sequence 1, Application US/08457029
; Patent No. 5814315
; GENERAL INFORMATION:
; APPLICANT: Mien-Chie Hung
; APPLICANT: Di-Hua Yu
; APPLICANT: Angabin Matin
; TITLE OF INVENTION: METHODS AND COMPOSITIONS

```

```

; TITLE OF INVENTION: FOR THE SUPPRESSION OF NEU
; TITLE OF INVENTION: MEDICATED TRANSFORMATION
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,029
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/162,406
; FILING DATE: December 3, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark B. Wilson
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: UTSC:364
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 320-7200
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-08-457-029-1

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 447 CCAGATGCTTCAGGAAGA 466
Db 20 CCAACTGCATTCAGGAAGA 1

RESULT 127
US-08-117-952-307/c
; Sequence 307, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435

; TITLE OF INVENTION: FOR THE SUPPRESSION OF NEU
; TITLE OF INVENTION: MEDICATED TRANSFORMATION
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,029
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/162,406
; FILING DATE: December 3, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark B. Wilson
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: UTSC:364
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 320-7200
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; US-08-457-029-1

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 447 CCAGATGCTTCAGGAAGA 466
Db 20 CCAACTGCATTCAGGAAGA 1

RESULT 128
US-08-651-692-41
; Sequence 41, Application US/08651692
; Patent No. 5856099
; GENERAL INFORMATION:
; APPLICANT: Loren Miraglia, Thomas Geiger,
; APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,692
; FILING DATE: Herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
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; ANTI-SENSE: NO
US-08-651-692-41

Query Match
Best Local Similarity 80.0%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 204 CTGGGTTCCAGCCCTCC 223
Db 1 CTGGGATCCCATCACCTCC 20

RESULT 129
US-08-756-806A-31
; Sequence 31, Application US/08756806A
; Patent No. 5952229
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,806A
; FILING DATE: No. 5952229 September 25, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA: PCT/US95/07111
; APPLICATION NUMBER: May 31, 1995
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-756-806A-31

Query Match
Best Local Similarity 80.0%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAGTTCTTCAAACTCTAG 297
Db 1 AATCTGTGCACTTGATG 20

RESULT 130
US-09-048-804-2
; Sequence 2, Application US/09048804
; Patent No. 5968748
; GENERAL INFORMATION:

```

```

; APPLICANT: C. Frank Bennett, Allan Lipton, Lois M. Witters
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF
; HUMAN HER-2 EXPRESSION
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5968748ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 Mb diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,804
; FILING DATE: Herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2913
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-804-2

Query Match
Best Local Similarity 80.0%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 407 GCTCCAGCAGGCTCTCCGC 426
Db 1 GGTCCAGCAGGCTCTCCGC 20

RESULT 131
US-09-289-368-82/c
; Sequence 82, Application US/09289368
; Patent No. 5998148
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROTUBULE-ASSOCIATED PROTEIN 4 EXPRESSION
; FILE REFERENCE: RTS-0051
; CURRENT APPLICATION NUMBER: US/09/289,368
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-368-82

Query Match
Best Local Similarity 80.0%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 384 CTGTCGGGGGCACACAC 403
Db 20 CTTCCAGCCGCACCCAC 1

```

RESULT 132
US-09-143-214-31
; Sequence 31, Application US/09143214
; Patent No. 6090626
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/143, 214
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,806
; FILING DATE: No. 6090626ember 26, 1996
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0200
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-143-214-31
Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAAGTTGTTGAAACTGTAG 297
DB 1 AATGCTGGTGAACCTGTAG 20

RESULT 133
US-09-000-136-17
; Sequence 17, Application US/09000136
; Patent No. 6096720
; GENERAL INFORMATION:
; APPLICANT: Love, William G
; APPLICANT: Sharman, Thomas
; APPLICANT: Phillips, Judith A
; APPLICANT: Nicklin, Paul L
; APPLICANT: Hamilton, Karen O
; TITLE OF INVENTION: Liposomal Oligonucleotide Compositions
; FILE REFERENCE: 4-20536/A/WA 2112
; CURRENT APPLICATION NUMBER: US/09/000,136
; CURRENT FILING DATE: 1998-04-23

; EARLIER APPLICATION NUMBER: GB 9515743.4
; EARLIER FILING DATE: 1995-08-01
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-000-136-17
Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 AAAGTTGTTGAAACTGTAG 297
DB 1 AATGCTGGTGAACCTGTAG 20

RESULT 134
US-09-286-904-29/c
; Sequence 29, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-29
Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 658 TTCTCATGCAGCTGAAGCTC 677
DB 20 TGCTCAGCACCTGAAGCAC 1

RESULT 135
US-09-220-081-33
; Sequence 33, Application US/09220081
; Patent No. 6171833
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.0790000
; CURRENT APPLICATION NUMBER: US/09/220,081
; CURRENT FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence

FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-220-081-33

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 749 GGTCCCTTAAGGAGATGGCAG 768
||| ||||| ||||| |||||
DB 1 GGCCATTAAAGGATATGGCTG 20

RESULT 136
US-09-488-671-22/c
; Sequence 22, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPC-K-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-22

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 213 CAGCCCTCTCCAGACTGAC 232
||| ||||| ||||| |||||
DB 20 CAGCACTCTGCAGAAATGCC 1

RESULT 137
US-08-575-967A-11/c
; Sequence 11, Application US/08575967A
; Patent No. 6265184
; GENERAL INFORMATION:
; APPLICANT: Gray et al.
; TITLE OF INVENTION: Chemokine Receptor Materials and Methods
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 S. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/575,967A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6265184and, Greta E.
; REGISTRATION NUMBER: 35,302
; REFERENCE/DOCKET NUMBER: 32918
; TELECOMMUNICATION INFORMATION:

TELEPHONE: 206-485-1900
TELEFAX: 206-485-1662
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: /= "88-2B-f1"
US-08-575-967A-11

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 459 CAGGAAGAGCTCCAGGAAC 478
||| ||||| ||||| |||||
DB 20 CAGGAAGAGCTGCTAGCACT 1

RESULT 138
US-09-489-869-60/c
; Sequence 60, Application US/09489869A
; Patent No. 6268151
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RTS-0110
; CURRENT APPLICATION NUMBER: US/09/489,869A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-60

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 559 AACAGCAGGAGTCTGCTG 578
||| ||||| ||||| |||||
DB 20 AGCGCAGGAGGCCACGCTG 1

RESULT 139
US-09-488-856A-59/c
; Sequence 59, Application US/09488856A
; Patent No. 6316259
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPR
; FILE REFERENCE: RTS-0115
; CURRENT APPLICATION NUMBER: US/09/488,856A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide


```

; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/886,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-C73-33

```

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels

Qy 278 AAAGTTGTTGAAACTTGTAG 297
Db 1 AATGCTGGTGGAACTTGTAG 20

RESULT 145
US-09-411-628-8/c
: Sequence 8, Application US/09411628

PATENT NO. 0428994
 GENERAL INFORMATION:
 APPLICANT: University of Southern California
 TITLE OF INVENTION: CDNA, GENOMIC, AND PREDICTED PROTEIN
 TITLE OF INVENTION: SEQUENCES OF LEARNING-INDUCED KINASES
 FILE REFERENCE: 13761-707
 CURRENT APPLICATION NUMBER: US/09/411,628
 CURRENT FILING DATE: 1999-10-01
 EARLIER APPLICATION NUMBER: US 60/102,906
 EARLIER FILING DATE: 1998-10-02
 NUMBER OF SEQ ID NOS: 16
 SOFTWARE: FastSeq for Windows Version 4.0

```

; SEQ ID NO 8
;
; LENGTH: 20
;
; TYPE: DNA
;
; ORGANISM: Artificial Sequence
;
; FEATURE:
;
;   OTHER INFORMATION: Sense primer
US-09-411-628-8

```

```
Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No.3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels
```

QY
466 AGCTCCAGGAAC TTGGCATT 485

Dd
20 ATCTCCAGGCTTGGCCTT 1

```

RESULT 146
US-09-792-594-55/c
; Sequence 55, Application US/09792594
; Patent No. 6436706
; GENERAL INFORMATION
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION
; FILE REFERENCE: RTE-0209
; CURRENT APPLICATION NUMBER: US/09/792,594
; CURRENT FILING DATE: 2001-02-23
;

```

```

; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense
US-09-792-594-55

```

Query Match : 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels

Qy 509 GGCCAGTTTGGCATTTGGGA 528
Db 20 GGCCACGGTGGCCCTTTGGGA 1

RESULT 147

```

US-09-907-843-39
; Sequence 83, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATORS
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907-843-39
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-39

```

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels

Qy 556 CCCAACAGCAGGGATCCTCG 575

Db 1 CCCATGAGCAGGAATCCTTG 20

RESULT 148

```

US-09-640-101-29/C
; Sequence 29, Application US/09640101
; Patent No. 6448079
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modu
; TITLE OF INVENTION: Activated Prot
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/09/64
; CURRENT FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,90
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequ
US-09-640-101-29.

```

OTHER INFORMATION: antitense sequence
US-09-640-101-29;

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 658 TTCTCATGCAGCTGAAGCTC 677
DB 20 TGCTCAAGCACCTGAAGCAC 1

RESULT 149
US-09-920-672-61/c
; Sequence 61, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-61

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 217 CCTCTCCAGAGCTGACGGCC 236
DB 20 CCGCTTCAGACTGACGGCC 1

RESULT 150
US-09-527-030G-25/c
; Sequence 25, Application US/09527030G
; Patent No. 6482588
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al.
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and
; TITLE OF INVENTION: specific reverse hybridization.
; FILE REFERENCE: 3501-0101P
; CURRENT APPLICATION NUMBER: US/09/527,030G
; CURRENT FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 497
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-25

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 856 CCACTGGTGTGATGAGCCCAAC 875
DB 20 CCACAGTTGATTACCCCAAC 1

RESULT 151
US-09-657-346A-39
; Sequence 39, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-39

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 827 TGCTGAAGCTGTACCAGAA 846
DB 1 TCGGGAAGCTGTTGTCAGAA 20

RESULT 152
US-09-172-699-10
; Sequence 10, Application US/09172699A
; Patent No. 6514590
; GENERAL INFORMATION:
; APPLICANT: Anderson, David A.
; APPLICANT: Locarnini, Stephen A.
; APPLICANT: Toressi, Joseph
; APPLICANT: Hui, Zhuang
; APPLICANT: Li, Fan
; TITLE OF INVENTION: IMMUNOREACTIVE ANTIGENS OF HEPATITIS E VIRUS
; FILE REFERENCE: Davies Col. Cave
; CURRENT APPLICATION NUMBER: US/09/172,699A
; CURRENT FILING DATE: 1998-10-14
; EARLIER APPLICATION NUMBER: 08/617,927
; EARLIER FILING DATE: 1996-06-20
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:HEV Primer (ORF
; OTHER INFORMATION: 2.0 reverse)
US-09-172-699-10

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0; Gaps 0;

QY 659 TCTCATGCAGCTGAAGCTCA 678
DB 1 TCTTAAGCGCTGAAGCTCA 20

RESULT 153
US-09-422-978-7672
; Sequence 7672, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20

```
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7672
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20_bind
; OTHER INFORMATION: upstream amplification primer 99-10198 for SEQ 3738,
US-09-422-978-7672

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 448 CAGATGCTTCAGGAAGAG 467
Db 1 CAGATGATTCAGTAAG 20

RESULT 154
US-09-595-684B-5
; Sequence 5, Application US/09595684B
; Patent No. 6544766
; GENERAL INFORMATION:
; APPLICANT: Beraud, Christophe
; APPLICANT: Ohashi, Cara
; APPLICANT: Sakowicz, Roman
; APPLICANT: Vaisberg, Eugeni
; APPLICANT: Wood, Kenneth
; APPLICANT: Yu, Ming
; TITLE OF INVENTION: Human kinesins and methods of producing
; TITLE OF INVENTION: and purifying human kinesins
; FILE REFERENCE: cytop036
; CURRENT APPLICATION NUMBER: US/09/595,684B
; PRIOR APPLICATION NUMBER: 2002-06-24
; PRIOR FILING DATE: 2000-04-20
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chromokinesin 3' primer
US-09-595-684B-5

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 863 TGATGAGCCCACTCAATG 882
Db 1 TGATGACTCCAATTCAGTG 20

RESULT 155
US-09-198-452A-3532/c
; Sequence 3532, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4080
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
```

```
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3532
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3532

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 688 CTGCACACCGCTTCGAGTG 707
Db 20 CTCACACCTCTTCGAGGG 1

RESULT 156
US-09-198-452A-4043
; Sequence 4043, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4043
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4043

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 333 GTGAGCACTTCGTGCCAG 352
Db 1 GTAGAGCAATTAGTGCCAG 20

RESULT 157
US-09-198-452A-4080
; Sequence 4080, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4080
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4080

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 428 GCCCCTGCTAGTCTAAAGC 447
Db 1 GTCCTGCTTACTAAAGC 20
```

```
RESULT 158
US-09-198-452A-5638
; Sequence 5638, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5638
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5638

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 684 GGATCTGCACACCGCTTCA 703
Db 1 GGATCCGACAGCTCTTCTA 20

RESULT 159
US-09-198-452A-5690/c
; Sequence 5690, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5690
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5690

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 138 GCTTTGGGGGCTCAGCTCC 157
Db 20 GCTTTGGAAGACGACCTCC 1

RESULT 160
US-09-697-074-5
; Sequence 5, Application US/09697074
; Patent No. 6573050
; GENERAL INFORMATION:
; APPLICANT: BEN-DAVID, Yaacov
; APPLICANT: PAK, Brian J.
; APPLICANT: KERBEL, Robert
; TITLE OF INVENTION: TREATMENT, DIAGNOSIS AND EVALUATION OF ANTI-CANCER
; TITLE OF INVENTION: THERAPY RESISTANCE IN MELANOMA
; FILE REFERENCE: 0030-0201P
; CURRENT APPLICATION NUMBER: US/09/697,074
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,227
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 10
```

```
; SOFTWARE: PatentIn Ver. 1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
US-09-697-074-5

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 879 ATTGAGTCTCTGATGTGAG 898
Db 1 ATGCAGTCTCTGATGTGAG 20

RESULT 161
US-09-596-248D-32
; Sequence 32, Application US/09596248D
; Patent No. 6599727
; GENERAL INFORMATION:
; APPLICANT: Christenson, Erik
; APPLICANT: DeMaggio, Anthony J
; APPLICANT: Goldman, Phyllis S
; APPLICANT: McElligott, David L
; TITLE OF INVENTION: Human Poly (ADP-Ribose) Polymerase 2 Materials and
; TITLE OF INVENTION: Methods
; FILE REFERENCE: 27866/36544
; CURRENT APPLICATION NUMBER: US/09/596,248D
; CURRENT FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: 60/139,543
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-596-248D-32

Query Match      1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02; 4; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 788 GCGCAAACTGCAGGACTGAC 807
Db 1 GCGGAAGCTGGAGGAGTGAC 20

RESULT 162
US-09-596-248D-33/c
; Sequence 33, Application US/09596248D
; Patent No. 6599727
; GENERAL INFORMATION:
; APPLICANT: Christenson, Erik
; APPLICANT: DeMaggio, Anthony J
; APPLICANT: Goldman, Phyllis S
; APPLICANT: McElligott, David L
; TITLE OF INVENTION: Methods
; FILE REFERENCE: 27866/36544
; CURRENT APPLICATION NUMBER: US/09/596,248D
; CURRENT FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: 60/139,543
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-596-248D-33

```

```

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 4; Gaps 0;

```

```

QY 788 GCGCAAACTGCAGGATGAC 807
||| ||| ||| ||| ||| ||| |||
DB 20 GCGGAAGCTGGAGGAGTGAC 1

```

```

RESULT 163
US-10-174-794-8/C
; Sequence 8, Application US/10174794
; Patent No. 6664086
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; TITLE OF INVENTION: CDNA, GENOMIC, AND PREDICTED PROTEIN
; FILE REFERENCE: SEQUENCES OF LEARNING-INDUCED KINASES
; CURRENT APPLICATION NUMBER: US/10/174,794
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US/09/411,628
; PRIOR FILING DATE: 1999-10-01
; PRIOR APPLICATION NUMBER: US 60/102,906
; PRIOR FILING DATE: 1998-10-02
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sense primer
US-10-174-794-8

```

```

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 4; Gaps 0;

```

```

QY 466 AGCTCCAGGAAGTGGCATT 485
||| ||| ||| ||| ||| ||| |||
DB 20 ATCTCCAGGGCTTGGCCCT 1

```

```

RESULT 164
PCT-US94-03856-8
; Sequence 8, Application PC/TUS9403856
; GENERAL INFORMATION:
; APPLICANT: Alton Meister, Chin-Shiou Huang, and Mary
; APPLICANT: E. Anderson
; TITLE OF INVENTION: Glutamylcysteine Synthetase Light
; FILE REFERENCE: Subunit
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Yahwak & Associates
; STREET: 25 Skytop Drive
; CITY: Trumbull
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06611
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Microsoft Word 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/03856

```

```

; FILING DATE: 07-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 045,808
; FILING DATE: April 8th 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Yahwak, George M.
; REGISTRATION NUMBER: 26,824
; REFERENCE/DOCKET NUMBER: CRF D 1403
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203 268 1951
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
PCT-US94-03856-8

```

```

Query Match 1.6%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY 456 TTCAGGAAGAGCTCCAGGA 475
||| ||| ||| ||| ||| ||| |||
DB 1 TTCAGGAAGAGCTTCAAGA 20

```

```

RESULT 165
PCT-US95-07111A-31
; Sequence 31, Application PC/TUS9507111A
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; FILE REFERENCE: of raf Gene Expression
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07111A
; FILING DATE: May 31, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0135
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
PCT-US95-07111A-31

```

NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 59486111ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA

```

; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark DeLuca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: YES
; US-08-256-426B-140

Query Match 1.8%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 209 TTCCAGCCCTCTCCAGAG 228
Db 20 TTGCTGCCCTCTCTCGAG 1

RESULT 169
US-08-256-426B-143
; Sequence 143, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofar Nina
; TITLE OF INVENTION: Methods Of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

```

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; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark DeLuca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; US-08-256-426B-143

Query Match 1.8%; Score 13.6; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 3.2e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 209 TTCCAGCCCTCTCCAGAG 228
Db 2 TTGCTGCCCTCTCTCGAG 21

RESULT 170
US-09-021-701-109
; Sequence 109, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; NUMBER OF SEQUENCES: 1185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA

```

HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-109

Query Match 1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147
DB 3 TGTCTGCTTTGGGG 17

RESULT 171
US-09-021-701-110
Sequence 110, Application US/09021701
Patent No. 6251588

GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-021-701-110

Query Match 1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147
DB 2 TGTCTGCTTTGGGG 16

RESULT 172
US-09-474-432B-835/c
Sequence 835, Application US/09474432B
Patent No. 6528640

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MEH800-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: Patent In version 3.0
SEQ ID NO 835
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-835

Query Match 1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 142 TGGGGGCTGCAGTTC 156
DB 15 TGGGGGCTGCAGTTC 1

RESULT 173
US-09-476-387-834/c
Sequence 834, Application US/09476387
Patent No. 6617438
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MEH800-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: Patent In version 3.0
SEQ ID NO 834
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-476-387-834

Query Match 1.6%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 2.4e+02; Mismatches 1; Indels 0; Gaps 0;
Matches 14; Conservative 0;

QY 142 TGGGGGCTGCAGTC 156
|||
Db 15 TGGGGGCTGCAGTC 1

RESULT 174

US-09-866-108A-7668
; Sequence 7668, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aemica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 7668
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7668

Query Match 1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 GAAGCTGAGAGAGAG 782
|||
Db 3 GAGCTGGAGAGAGAG 17

RESULT 175

US-09-866-108A-7669
; Sequence 7669, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aemica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 7669
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7669

Query Match 1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 GAAGCTGAGAGAGAG 782
|||
Db 2 GAGCTGGAGAGAGAG 16

RESULT 176

US-09-866-108A-7670
; Sequence 7670, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aemica Sequence Listing Engine
; NUMBER OF SEQ ID NOS: 15755
; Patent No. 6686188
; SEQ ID NO 7668
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7668

Query Match 1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 GAAGCTGAGAGAGAG 782
|||
Db 3 GAGCTGGAGAGAGAG 17

RESULT 175

US-09-866-108A-7669
; Sequence 7669, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.


```
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 7670
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7670

Query Match      1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      768  GAACTGGAGAGAG 782
      |||
Db      1  GAGCTGGAGAGAG 15

RESULT 177
US-09-866-108A-8380/c
/ Sequence 8380, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Shazron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aemica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8380
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8380
```

```
Query Match      1.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 2.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      405  CTGCTCCAGCAGCT 419
      |||
Db      16  CTGCTCCAGCTGCT 2

RESULT 178
US-09-213-767-35
/ Sequence 35, Application US/09213767
/ Patent No. 5948680
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
/ FILE REFERENCE: RTS-0024
/ CURRENT APPLICATION NUMBER: US/09/213,767
/ CURRENT FILING DATE: 1998-12-17
/ NUMBER OF SEQ ID NOS: 47
/ SEQ ID NO 35
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-35
```

```
Query Match      1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      323  CAGAGAAGCTGTGGA 337
      |||
Db      4  CAGAGAAGTTGTGGA 18
```

```
RESULT 179
US-08-748-073-3/c
/ Sequence 3, Application US/08748073
/ Patent No. 6204008
/ GENERAL INFORMATION:
/ APPLICANT: Borneman, W. Scott
/ APPLICANT: Goyal, Anil
/ APPLICANT: Conder, Michael J.
/ APPLICANT: Vinci, Victor A.
/ TITLE OF INVENTION: BIOPROCESS FOR PRODUCTION OF DIPEPTIDE
/ TITLE OF INVENTION: BASED COMPOUNDS
/ NUMBER OF SEQUENCES: 3
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Merck & Co., Inc.
/ STREET: P.O. Box 2000
/ CITY: Rahway
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/748,073
/ FILING DATE: 12-NOV-1996
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Hand, J. Mark
/ REGISTRATION NUMBER: 36,545
/ REFERENCE/DOCKET NUMBER: NK-19147F
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 732/594-3905
/ TELEFAX: 732/594-4720
```

```

; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-08-748-073-3

Query Match 1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GGTGCTGAAGCTGGT 839
Db 16 GGTGCTGGAGCTGGT 2

RESULT 180
US-09-738-444A-16
; Sequence 16, Application US/09738444A
; Patent No. 6650475
; GENERAL INFORMATION:
; APPLICANT: Jack, William E.
; APPLICANT: Schildkraut, Ira
; APPLICANT: Menin, Julie F.
; APPLICANT: Greencough, Lucia
; TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create
; TITLE OF INVENTION: Single-Stranded Regions And Applications Thereof
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Theoretical
; OTHER INFORMATION: sequences - all randomly generated
US-09-738-444A-16

Query Match 1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 439 GTCTAAGCCAGATG 453
Db 3 GTCTAAGCCAGATG 17

RESULT 181
PCT-US96-09009-21/c
; Sequence 21, Application PC/TUS9609009
; GENERAL INFORMATION:
; APPLICANT: Buchberg, Arthur M.
; APPLICANT: Siracusa, Linda D.
; APPLICANT: Chepenik, Kenneth P.
; TITLE OF INVENTION: RISK FACTOR FOR COLORECTAL CANCER
; TITLE OF INVENTION: AND
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF DETECTING THE SAME
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
; ADDRESSEE: Norris
; STREET: One Liberty Place, 46th Floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09009
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/484,359
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1925
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US96-09009-21

Query Match 1.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 2.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 262 ACAGGAGCACCCTTCA 276
Db 16 ACAGGAGGACCTTCA 2

RESULT 182
US-08-745-269-5
; Sequence 5, Application US/08745269
; Patent No. 5763183
; GENERAL INFORMATION:
; APPLICANT: Pesonen, Ullamari
; APPLICANT: Koulou, Markku
; APPLICANT: Linnoila, Markku
; APPLICANT: Goldman, David
; APPLICANT: Virkkunen, Matti
; TITLE OF INVENTION: ALLELIC VARIATION
; TITLE OF INVENTION: OF THE 5HT7 SEROTONIN RECEPTOR
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/745,269
; FILING DATE: 08-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/006,394
; FILING DATE: 09-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fuller, Michael L
; REGISTRATION NUMBER: 36,516
; REFERENCE/DOCKET NUMBER: NIH126.001A
; TELECOMMUNICATION INFORMATION:

```

QY 418 CTCTCCGGCTGCCCC 432

; CITY: Los Angeles

QY 418 CTCTCCGGCTGCCCC 432

COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
FILING DATE: 15-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P41 9423
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 234:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Oligonucleotide
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-117-952-234

Query Match 1.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 825 GGTGCTGAAGCTGGT 839
|||||
Db 2 GGTGCAGAGCTGGT 16

RESULT 186
US-08-439-819-11/c
Sequence 11, Application US/08439819
Patent No. 5925517
GENERAL INFORMATION:
APPLICANT: Tyegi, Sanjay
APPLICANT: Kramer, Fred R.
APPLICANT: Lizardi, Paul M.
TITLE OF INVENTION: DETECTABLY LABELED DUAL CONFORMATION
TITLE OF INVENTION: OLIGONUCLEOTIDE PROBES, ASSAYS AND KITS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 45 Rockefeller Pl., Suite 2800
CITY: New York
STATE: N.Y.
COUNTRY: USA
ZIP: 10111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/439,819
FILING DATE: 12-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/152,006
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: William J. Hone

REGISTRATION NUMBER: 26,739
REFERENCE/DOCKET NUMBER: 07763/027001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-765-5070
TELEFAX: 212-258-2291
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-439-819-11

Query Match 1.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 473 GGAATTGGCATTCC 487
|||||
Db 20 GGAATTGGCATTCC 6

RESULT 187
US-08-927-219-59/c
Sequence 59, Application US/08927219
Patent No. 6187533
GENERAL INFORMATION:
APPLICANT: Bell, Graeme I.
APPLICANT: Yamagata, Kazuya
APPLICANT: Oda, Naohisa
APPLICANT: Kaisaki, Pamela J.
APPLICANT: Furuta, Hiroto
APPLICANT: Horikawa, Yukio
APPLICANT: Menzel, Stephen
TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,219
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,679
FILING DATE: 30-OCT-1996
APPLICATION NUMBER: US 60/028,056
FILING DATE: 02-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD:272
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:

;
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-927-219-59

Query Match 1.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 144 GGGGCTGAGCTCCA 158
| | | | | | | | | | | | | | | | | | | | | |
Db 16 GAGGCTGAGCTCCA 2

RESULT 188

US-09-496-694B-196
; Sequence 196, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 196
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-196

Query Match 1.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 206 GGGTCCCGAGCCCTC 220
| | | | | | | | | | | | | | | | | | | | | |
Db 5 GGGTCCCGAGCCCTC 19

RESULT 189

US-09-920-759-65
; Sequence 65, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-759-65

Query Match 1.6%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 913 GAAAAGACAGCGGA 927
| | | | | | | | | | | | | | | | | | | | | |
Db 3 GAAAAGACAGCGGA 17

RESULT 190

US-08-335-583C-28/c
; Sequence 28, Application US/08335583C
; Patent No. 5693779
; GENERAL INFORMATION:
; APPLICANT: Moos Jr., Malcolm
; APPLICANT: Wang, Shouwan
; APPLICANT: Krinks, Marie
; TITLE OF INVENTION: PRODUCTION AND USE OF
; TITLE OF INVENTION: ANTI-DORSALIZING MORPHOGENETIC PROTEIN
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/335,583C
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: NIH04.001A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; TELEX:
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-335-583C-28

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 660 CTCATGAGCTGAAGCTC 677
| | | | | | | | | | | | | | | | | | | | | |
Db 18 CTCATGAGCTGAAGCTC 1

RESULT 191

US-08-541-950B-13
; Sequence 13, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karm J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION

```

; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb. storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; US-08-541-950B-13

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 3e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGCT 730
Db 1 AGCCAGAUUUGAGCAGCU 18

RESULT 192
US-09-205-922-86/c
; Sequence 86, Application US/09205922
; Patent No. 5951455
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
; FILE REFERENCE: RTS-0030
; CURRENT APPLICATION NUMBER: US/09/205,922
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 86
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-86

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATCGAGCTGAAGTCA 678
Db 18 TCCTGCAGCTGAACCTGA 1

RESULT 193
US-09-161-443-9/c
; Sequence 9, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
; FILE REFERENCE: RTS-0011
; CURRENT APPLICATION NUMBER: US/09/161,443A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-9

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 760 AGATGGCAGAACTGGAGA 777
Db 18 AGATGGCAGAACTGGAGA 1

RESULT 194
US-09-156-807-29
; Sequence 29, Application US/09156807
; Patent No. 6030786
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF RHOc EXPRESSION
; FILE REFERENCE: RTS-0014
; CURRENT APPLICATION NUMBER: US/09/156,807
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-156-807-29

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 614 GGCCATCTCAACGACGC 631
Db 1 GGCCATCTCAACGACCTC 18

RESULT 195
US-09-289-377-23/c
; Sequence 23, Application US/09289377
; Patent No. 6046321
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
; FILE REFERENCE: RTS-0058
; CURRENT APPLICATION NUMBER: US/09/289,377
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-377-23

```

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 250 TGAAGGACTTAGACAGGA 267
DB 18 TGAATGACTTGACAGAA 1

RESULT 196
US-09-143-212-29/c
; Sequence 29, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-29

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 625 CCAGCGCTCAGTCCCGCT 642
DB 18 CCAGCACTCGTGCCGCT 1

RESULT 197
US-09-083-756A-13
; Sequence 13, Application US/09083756A
; Patent No. 6114109
; GENERAL INFORMATION:
; APPLICANT: Karn J. Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,756A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/541,950
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
US-09-083-756A-13

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 3e+02;
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGCT 730
DB 1 AGCCAGAUUGAGCAGCU 18

RESULT 198
US-09-213-719-46
; Sequence 46, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-46

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 510 GCCAGTTTGGCATTGGG 527
DB 1 GCCATTCTGGAATTGGG 18

RESULT 199
US-09-025-769B-363
; Sequence 363, Application US/09025769B
; Patent No. 6300864
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter
; APPLICANT: Ilag, Vic
; APPLICANT: Ge, Liming
; APPLICANT: Moroney, Simon
; APPLICANT: Plueckthun, Andreas
; TITLE OF INVENTION: Protein/(Poly)peptide libraries
; NUMBER OF SEQUENCES: 373
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
; STREET: 1251 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/025,769B
; FILING DATE: 18-FEB-1998
; PRIOR APPLICATION DATA:

/ TITLE OF INVENTION: Expression
/ FILE REFERENCE: ISPH-0404
/ CURRENT APPLICATION NUMBER: US/09/387,341
/ EARLIER FILING DATE: 1999-08-31
/ EARLIER APPLICATION NUMBER: 09/156,424
/ EARLIER FILING DATE: 1998-09-18
/ EARLIER APPLICATION NUMBER: 09/156,979
/ EARLIER FILING DATE: 1998-09-18
/ EARLIER APPLICATION NUMBER: 09/156,807
/ EARLIER FILING DATE: 1998-09-18
/ EARLIER APPLICATION NUMBER: 09/161,015
/ EARLIER FILING DATE: 1998-09-25
/ NUMBER OF SEQ ID NOS: 233
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 131
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-387-341-131

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 614 GGCCATCTCAACACGCG 631
Db 1 GGCCATCTCAACACCTC 18
|||||

RESULT 203
US-09-649-747A-46/c
/ Sequence 46, Application US/09649747A
/ Patent No. 6521435
/ GENERAL INFORMATION:
/ APPLICANT: Okubara, Patricia A.
/ APPLICANT: Blechl, Ann E.
/ APPLICANT: Hohn, Thomas M.
/ APPLICANT: Berka, Randy M.
/ TITLE OF INVENTION: Nucleic Acid Sequences Encoding Cell Wall-Degrading
/ TITLE OF INVENTION: Enzymes and Use to Engineer Resistance to Fusarium and
/ TITLE OF INVENTION: Other Pathogens
/ FILE REFERENCE: 0079,99R
/ CURRENT APPLICATION NUMBER: US/09/649,747A
/ CURRENT FILING DATE: 2000-08-28
/ PRIOR APPLICATION NUMBER: 60/151,582
/ PRIOR FILING DATE: 1999-08-30
/ PRIOR APPLICATION NUMBER: 60/224,946
/ PRIOR FILING DATE: 2000-08-11
/ NUMBER OF SEQ ID NOS: 82
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 46
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Primer
US-09-649-747A-46

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 817 GTACTGTGGGTGCTGAAG 834
Db 18 GTGCTGAGAGTGCTGAAG 1
|||||

RESULT 204
US-09-422-978-5061/c
/ Sequence 5061, Application US/09422978
/ Patent No. 6537751

/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET 020CPI
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 5061
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..18
/ OTHER INFORMATION: upstream amplification primer 99-2058 for SEQ 1127,
US-09-422-978-5061

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 446 GCCAGATGCCTTCCAGGA 463
Db 18 GTCAGATCCCTCCAGGA 1
|||||

RESULT 205
US-09-371-772B-2170/c
/ Sequence 2170, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: MCSwiggan, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
/ TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: MHB00, 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 2170
/ LENGTH: 18
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-2170

Query Match 1.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 3e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 187 GTGGCCGGGTCAGTTTCC 204
Db 18 GAGGCCAAGTCAGTTTCC 1
|||||

RESULT 206
US-08-807-104-11/c
/ Sequence 11, Application US/08807104

Patent No. 5861501
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KOO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: USA
ZIP: 07065
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/807,104
FILING DATE: 04-FEB-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/480,068
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: 19406DA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
US-08-807-104-11
Query Match 1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 768 GAACCTGGAGAGAGTGT 785
Db 18 GGACTGGACCAGAGTGT 1
RESULT 207
US-08-480-068-11/c
Sequence 11, Application US/08480068
Patent No. 6111095
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KOO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,068
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSEY, JOANNE M
REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 19406
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3046
TELEFAX: 908-594-4720
TELEX:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic RNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
FEATURE:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
NAME/KEY: Modified Base
LOCATION: 1...1
OTHER INFORMATION:
US-08-480-068-11
Query Match 1.6%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 768 GAACCTGGAGAGAGTGT 785
Db 18 GGACTGGACCAGAGTGT 1
RESULT 208
US-08-973-137-11/c
Sequence 11, Application US/08973137
Patent No. 6369208
GENERAL INFORMATION:
APPLICANT: BENSELER, FRITZ
APPLICANT: COLE, JAMES L.
APPLICANT: OLSEN, DAVID B.
APPLICANT: KOO, LAWRENCE C.
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
CITY: RAHWAY
STATE: NJ
COUNTRY: US
ZIP: 07065-0907

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973.137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
;
; US-08-973-137-11
;
; Query Match 1.6%; Score 13.2; DB 1; Length 19;
; Best Local Similarity 83.3%; Pred. No. 3.3e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 768 GAACGTGGAGGAAGTGT 785
; Db 18 GGACTGCACCAAGTGT 1
;
; RESULT 209
; US-09-422-978-7520/c
; Sequence 7520, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7520
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
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; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-6707 for SEQ 3586,
; US-09-422-978-7520
;
; Query Match 1.6%; Score 13.2; DB 1; Length 19;
; Best Local Similarity 83.3%; Pred. No. 3.3e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 756 AAGGAGATGCCAGAACTG 773
; Db 18 AAGTAAGTGCAGAACTG 1
;
; RESULT 210
; US-08-927-219-59
; Sequence 59, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219
; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-927-219-59
;
; Query Match 1.6%; Score 13.2; DB 1; Length 20;
; Best Local Similarity 83.3%; Pred. No. 3.6e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 144 GGGCTGCAGCTCATAC 161
DB 3 GGAGCTGCAGCTCATAC 20

RESULT 211
US-07-722-723A-27/c
Sequence 27, Application US/07922723A
Patent No. 5369004
GENERAL INFORMATION:
APPLICANT: Drs. Michael H. Polymeropoulos
and Carl R. Merrill
TITLE OF INVENTION: FIVE HIGHLY INFORMATIVE
TITLE OF INVENTION: REPEAT POLYMORPHIC DNA MARKERS
NUMBER OF SEQUENCES: 73
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lowe, Price, LeBlanc & Becker
STREET: Suite 300, 99 Canal Center Plaza
CITY: Alexandria
STATE: Virginia
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: DOS Text File
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/922,723A
FILING DATE: 09/07/92
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: D.J. Mills
REGISTRATION NUMBER: 34506
REFERENCE/DOCKET NUMBER: 717081B
TELEPHONE: 703 684 1111
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-922-723A-27

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 820 CTGTGGTGTGAAGCTG 837
DB 20 CTGTGACTTCTGAAGCTG 3

RESULT 212
US-08-435-529-6/c
Sequence 6, Application US/08435529
Patent No. 5635354
GENERAL INFORMATION:
APPLICANT: KOURILSKY, PHILIPPE
APPLICANT: PANNETIER, CHRISTOPHE
TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF
TITLE OF INVENTION: ANTIBODIES (AB) AND OF T-CELL RECEPTORS (TCR) OF AN
TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,529
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/084,249
FILING DATE: 09-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5635354man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 354-015-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220

```
TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-435-529-6
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 833 AGCTGGTACCAGACACA 850
Db 18 AGTTGTACCAGTGACA 1

RESULT 214
US-08-153-799-21
; Sequence 21, Application US/08153799
; Patent No. 576883
; GENERAL INFORMATION:
; APPLICANT: Ballance, David J
; APPLICANT: Goodey, Andrew R
; TITLE OF INVENTION: Polypeptides
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: R Hain Swope, BOC Health Care Inc
; STREET: 100 Mountain Avenue
; CITY: Murray Hill
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07974
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/153,799
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847975
; FILING DATE: 06-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 890916.2
; FILING DATE: 29-APR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB90/00650
; FILING DATE: 26-APR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/775952
; FILING DATE: 29-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Swope, R Hain
; REGISTRATION NUMBER: 24864
; REFERENCE/DOCKET NUMBER: 92H832
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 665 2400
; TELEFAX: (908) 771 6159
; TELEX: 219484
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
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FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..20
; OTHER INFORMATION: /function= "mutagenic primer used to
; OTHER INFORMATION: create a XhoI site in pBDF6"
US-08-153-799-21
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 AGAGCTCCAGGACTTGG 481
Db 3 AAAGCTCGAGGAACCTCG 20

RESULT 215
US-08-531-556-34
; Sequence 34, Application US/08531556
; Patent No. 5776882
; GENERAL INFORMATION:
; APPLICANT: Agculnik, Alexander I
; APPLICANT: Kent First, Marijo
; APPLICANT: Muallem, Ariege
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,556
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-531-556-34
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 147 GCTGCAGCTCCACTTGG 164
Db 1 GCTGGTGCTCCATCTTG 18

RESULT 216
US-08-472-416-34
; Sequence 34, Application US/08472416
; Patent No. 578390
; GENERAL INFORMATION:
```

```

; APPLICANT: Agoulnik, A.
; APPLICANT: Kent, Marijo G.
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,416
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-472-416-34

```

```

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 147 GCTGCGCTCCATCTTG 164
Db 1 GCTGCTGCTCCATCTTG 18

RESULT 217
US-08-410-540-8
; Sequence 8, Application US/08410540
; Patent No. 5807678
; GENERAL INFORMATION:
; APPLICANT: Miller, Walter L.
; APPLICANT: Lin, Dong
; APPLICANT: Strauss III, Jerome P.
; TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
; TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,540
; FILING DATE: 23-MAR-1995
; CLASSIFICATION: 435

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-238/00US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415 853 5070
; TELEFAX: 415 857 0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-410-540-8

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 612 GTGGCCATCTCAACGACG 629
Db 2 GTGGCCATGCGGACGACG 19

RESULT 218
US-08-557-139-37
; Sequence 37, Application US/08557139
; Patent No. 5827730
; GENERAL INFORMATION:
; APPLICANT: Pedersen, Oluf
; APPLICANT: Bjoirbak, Christian
; APPLICANT: Frederiksen, Kathrine A.
; TITLE OF INVENTION: MUTANT DNA ENCODING INSULIN RECEPTOR
; TITLE OF INVENTION: SUBSTRATE 1
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5827730 of No. 5827730disk of No. 5827730th America
; STREET: 405 Lexington Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10174
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/557,139
; FILING DATE: 12-FEB-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Landiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4041.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 867-0123
; TELEFAX: (212) 878-9655
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-557-139-37

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;

```

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RESULT 220
US-08-835-099A-13/c
; Sequence 13, Application US/08835099A
; Patent No. 5874277
; GENERAL INFORMATION:
; APPLICANT: SHINTANI, Yasushi
; APPLICANT: NISHI, Kazuhiro
; APPLICANT: KAWAMOTO, Tomohiro
; TITLE OF INVENTION: NOVEL PROTEINS, THEIR PRODUCTION
; TITLE OF INVENTION: AND USE
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSMAN, LLP
; STREET: 130 Water Street
; CITY: Boston
; STATE: MA

```

APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:

APPLICATION NUMBER:
FILING DATE:
ATTORNEY / AGENT INFORMATION:

GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-2 EXPRESSION
; FILE REFERENCE: RTS-0067
; CURRENT APPLICATION NUMBER: US/09/344,001
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-001-18

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 604 GGGTGGAGCTGGCCATCT 621
Db 1 GGGAGGAGCCGCCATCT 18

RESULT 226
US-09-344-001-19
; Sequence 19, Application US/09344001
; Patent No. 6054440
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE KINASE-2 EXPRESSION
; FILE REFERENCE: RTS-0067
; CURRENT APPLICATION NUMBER: US/09/344,001
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-001-19

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 604 GGGTGGAGCTGGCCATCT 621
Db 3 GGGAGGAGCCGCCATCT 20

RESULT 227
US-09-157-349-13/c
; Sequence 13, Application US/09157349
; Patent No. 6068990
; GENERAL INFORMATION:
; APPLICANT: SHINTANI, Yasushi
; APPLICANT: NISHI, Kazuhiro
; APPLICANT: KAWAMOTO, Tomohiro
; TITLE OF INVENTION: NOVEL PROTEINS, THEIR PRODUCTION
; TITLE OF INVENTION: AND USE
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSMAN, LLP
; STREET: 130 Water Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA: US/09/157,349
APPLICATION NUMBER: US/09/157,349
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/835,099
FILING DATE:
APPLICATION NUMBER: 97105508.2
FILING DATE: 03-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Restick, David S
REGISTRATION NUMBER: 34,235
REFERENCE/DOCKET NUMBER: 47342
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-523-3400
TELEFAX: 617-523-6440
TELEX:
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Synthetic DNA
US-09-157-349-13

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 761 GATGGCAGAACTGGAGAA 778
Db 18 GAAGGAAGAACTGGACAA 1

RESULT 228
US-09-166-186-123/c
; Sequence 123, Application US/09166186A
; Patent No. 6080580
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
; FILE REFERENCE: ISPH-0322
; CURRENT APPLICATION NUMBER: US/09/166,186A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-186-123

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 909 AAGTGAAGACACAGCGGG 926
Db 20 ATGTGGAAGACACAGAGGG 3

RESULT 229
US-08-738-381-20
; Sequence 20, Application US/08738381

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,841
; FILING DATE: 22-MAR-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9505784.0
; FILING DATE: 22-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Walter H.
; REGISTRATION NUMBER: 24,190
; REFERENCE/DOCKET NUMBER: A-63316
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 761-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; US-08-621-841-35

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 860 TGGTGATGAGCCCACTC 877
DB 1 TGGTGATGAGCCCACTC 18

RESULT 231
US-09-249-730-113/c
; Sequence 113, Application US/09249730
; Patent No. 6121000
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Anticancer Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-040
; CURRENT APPLICATION NUMBER: US/09/249,730
; CURRENT FILING DATE: 1999-02-11
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
; US-09-249-730-113

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 816 GGTACTGGGTGCTGAA 833
DB 18 GATACTTGGCTGTGAA 1

RESULT 232
US-09-418-640-67
; Sequence 67, Application US/09418640
; Patent No. 6140125
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
; FILE REFERENCE: RTS-0102

```

; CURRENT APPLICATION NUMBER: US/09/418,640
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-640-67

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGGCTCT 421
| | | | | | | | | | | | | | | | | | | | | |
DB 1 CATGCTTCAGCAGGCTTT 18

RESULT 233
US-09-288-461-34/c
; Sequence 34, Application US/09288461
; Patent No. 6159694
; GENERAL INFORMATION:
; APPLICANT: Karas, James G.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3

; FILE REFERENCE: ISPH-0338
; CURRENT APPLICATION NUMBER: US/09/288,461
; CURRENT FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-288-461-34

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 273 TTCAGAAAGTTGTTGAAA 290
| | | | | | | | | | | | | | | | | | | | | |
DB 18 TTCAGAAACTTAATGAAA 1

RESULT 234
US-09-490-692-136/c
; Sequence 136, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-136

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCTTCAGGAGAG 467
| | | | | | | | | | | | | | | | | | | | | |
DB 20 GATGCTTCGGGACGTG 3

RESULT 235
US-09-280-805-93/c
; Sequence 93, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.

; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 93:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-93

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 492 GATCTAATTGGAGATTG 509
| | | | | | | | | | | | | | | | | | | | | |
DB 20 GATCTTCTAGGAGATTG 3

RESULT 236
US-09-280-805-101/c
; Sequence 101, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street

CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 101:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-101

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 468 CTCACGAACTTGCATT 485
Db 19 CTACAGAACTTGGTAGT 2

RESULT 237

US-09-488-671-21/c
Sequence 21, Application US/09488671A
Patent No. 6187545
GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Wyatt
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF PEPC-CYTOSOLIC EXPRESSION
FILE REFERENCE: RTS-0123
CURRENT APPLICATION NUMBER: US/09/488,671A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 21
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-21

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 213 CAGCCCTCTCCAGACTG 230
Db 18 CAGCACTCTGCAGAAATG 1

RESULT 238

US-08-766-528-58
Sequence 58, Application US/08766528
Patent No. 6190861
GENERAL INFORMATION:
APPLICANT: Jay A. Fishman
TITLE OF INVENTION: MOLECULAR SEQUENCE OF SWINE RETROVIRUS
TITLE OF INVENTION: AND METHODS OF USE
NUMBER OF SEQUENCES: 74
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 60 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/766,528
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/572,645
FILING DATE: 14-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Louis Myers
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: MGP-038CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-766-528-58

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 576 CTGCCTCACGTGTCTTAC 593
Db 2 CTGCATCACTTCTCTTAC 19

RESULT 239

US-09-313-932-123/c
Sequence 123, Application US/09313932A
Patent No. 6228642
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 123
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-313-932-123

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 909 AAGTGAAGAAGACAGCGGG 926
| | | | | | | | | | | | | | | | | | | |
Db 20 ATGTGAAAGACAGAGGG 3

RESULT 240
US-09-377-309-93
; Sequence 93, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-93

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 507 TTGGCCAGTTTGCATT 524
| | | | | | | | | | | | | | | | | | | |
Db 1 TTGGCAGTTTGCCTAT 18

RESULT 241
US-09-338-907-174
; Sequence 174, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Iliya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..20
; OTHER INFORMATION: amplification oligonucleotide PGIAe56b
US-09-338-907-174

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 GCCTGTCATCGGAAGAC 320
| | | | | | | | | | | | | | | | | | | |
Db 3 GCCCAACGTGGGAAGAC 20

RESULT 242
US-09-428-583-42/c
; Sequence 42, Application US/09428583
; Patent No. 6271029
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSOLIN-2 EXPRESSION
; FILE REFERENCE: RTS-0096
; CURRENT APPLICATION NUMBER: US/09/428,583
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-583-42

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 758 GGAGATGGCAGAACTGGA 775
| | | | | | | | | | | | | | | | | | | |
Db 18 GGAGAGGGAAGAACTGAA 1

RESULT 243
US-09-721-822A-37
; Sequence 37, Application US/09721822A
; Patent No. 6306606
; GENERAL INFORMATION:
; APPLICANT: Michael J. Weber
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MP-1 EXPRESSION
; FILE REFERENCE: RTS-0142
; CURRENT APPLICATION NUMBER: US/09/721,822A
; CURRENT FILING DATE: 2000-11-22
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-721-822A-37

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 GGCAGAACTGGAGAAGAA 781
| | | | | | | | | | | | | | | | | | | |
Db 2 GGCAAAAGTGGATAAGAA 19

RESULT 244
US-09-364-416-31
; Sequence 31, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:

APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,416
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201
FILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-364-416-31

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 TCAGCTCTTGAGGACTT 259

DB 1 TCGGCACCTGAAGGACTT 18

RESULT 245

US-09-657-042A-34

Sequence 34, Application US/09657042A

Patent No. 6329203

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

TITLE OF INVENTION: ANTISENSE MODULATION OF ONCOGENE-1 EXPRESSION

FILE REFERENCE: RTS-0148

CURRENT APPLICATION NUMBER: US/09/657,042A

CURRENT FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 34

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-657-042A-34

Query Match 1.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 TCAGCTCTTGAGGACTT 259

DB 1 TCGGCACCTGAAGGACTT 18

RESULT 245

US-09-657-042A-34

Sequence 34, Application US/09657042A

Patent No. 6329203

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

TITLE OF INVENTION: ANTISENSE MODULATION OF ONCOGENE-1 EXPRESSION

FILE REFERENCE: RTS-0148

CURRENT APPLICATION NUMBER: US/09/657,042A

CURRENT FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 34

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-657-042A-34

Query Match 1.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 242 TCAGCTCTTGAGGACTT 259

DB 1 TCGGCACCTGAAGGACTT 18

RESULT 245

US-09-657-042A-34

Sequence 34, Application US/09657042A

Patent No. 6329203

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

TITLE OF INVENTION: ANTISENSE MODULATION OF ONCOGENE-1 EXPRESSION

FILE REFERENCE: RTS-0148

CURRENT APPLICATION NUMBER: US/09/657,042A

CURRENT FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 34

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-657-042A-34

QY 632 TCAGTCCCGCTCCCTGCA 649
DB 1 TCAGTGTCTGCCCTGCA 18

RESULT 246

US-09-218-207-174

Sequence 174, Application US/09218207

Patent No. 6346381

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Blumenfeld, Marta

APPLICANT: Ilya, Chumakov

TITLE OF INVENTION: Prostate cancer gene

FILE REFERENCE: GENSET.018CP1

CURRENT APPLICATION NUMBER: US/09/218,207

CURRENT FILING DATE: 1998-12-22

EARLIER APPLICATION NUMBER: 08/996,306

EARLIER FILING DATE: 1997-12-22

EARLIER APPLICATION NUMBER: 60/099,658

EARLIER FILING DATE: 1998-09-09

NUMBER OF SEQ ID NOS: 578

SOFTWARE: Patent.pm

SEQ ID NO 174

LENGTH: 20

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: misc feature

LOCATION: 1..20

OTHER INFORMATION: amplification oligonucleotide PGIa56b

US-09-218-207-174

Query Match 1.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 303 GCCTGCTGGGAAGAC 320

DB 3 GCCCAGCTGGGAAGAC 20

RESULT 247

US-09-702-246-19

Sequence 19, Application US/09702246

Patent No. 6383809

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowser

TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION

FILE REFERENCE: RTS-0195

CURRENT APPLICATION NUMBER: US/09/702,246

CURRENT FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 19

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-702-246-19

Query Match 1.6%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 3.6e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 149 TGCAGCTCCATCTGCA 166

DB 3 TGCAGCTCCCAATGCA 20

RESULT 248

US-09-702-246-19

Sequence 19, Application US/09702246

Patent No. 6383809

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Lex M. Cowser

TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION

FILE REFERENCE: RTS-0195

CURRENT APPLICATION NUMBER: US/09/702,246

CURRENT FILING DATE: 2000-10-30

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 19

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-702-246-19

RESULT 248
US-09-702-246-59
; Sequence 59, Application US/09702246
; Patent No. 6383809
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOSIN-1 EXPRESSION
; FILE REFERENCE: RTS-0195
; CURRENT APPLICATION NUMBER: US/09/702,246
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-59

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 614 GGCATCTCAACACGCG 631
| | | | | | | | | |
DB 1 GGCAGCTCACACGCG 18

RESULT 249
US-09-167-513-13/c
; Sequence 13, Application US/09167513
; Patent No. 6388064
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Blumberg, Hal
; TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A
; FILE REFERENCE: 97-63
; CURRENT APPLICATION NUMBER: US/09/167,513
; CURRENT FILING DATE: 1998-10-06
; EARLIER APPLICATION NUMBER: US 60/061,712
; EARLIER FILING DATE: 1997-10-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC13790
US-09-167-513-13

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 943 TTATGAGTCAACAGCTGG 960
| | | | | | | | | |
DB 18 TTATGGGAGACAGCTGG 1

RESULT 250
US-09-907-843-73/c
; Sequence 73, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87

; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-73

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 563 GCAGGATCCTCGCTGCC 580
| | | | | | | | | |
DB 20 GCAGGGGTCACTCGCTGCC 3

RESULT 251
US-09-658-679A-77
; Sequence 77, Application US/09658679A
; Patent No. 6444464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-77

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CTGGTACTGTGGGTGCTG 831
| | | | | | | | | |
DB 3 CTGGCAGTGGAGTGTG 20

RESULT 252
US-09-920-672-77
; Sequence 77, Application US/09920672
; Patent No. 6455308
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/920,672
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-672-77

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAGGA 475
| | | | | | | | | |
DB 3 CCAGGAAGAGCTATAGAA 20

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

RESULT 253
US-09-918-686-81/c
; Sequence 81, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepel, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918.686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-81

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 528 AGTCAAGCCCTCTCTC 545
Db 18 AGTCAAGCCCTCTGCTC 1

RESULT 254
US-09-898-361-133/c
; Sequence 133, Application US/09898361
; Patent No. 8503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: PFS-0158
; CURRENT APPLICATION NUMBER: US/09/898.361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-133

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 787 AGCGCAACTGCAGGACT 804
Db 19 AGGCGCAACTGCAGGAGT 2

RESULT 255
US-09-422-978-10825/c
; Sequence 10825, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CPI
; CURRENT APPLICATION NUMBER: US/09/422.978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10825
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-21192 for SEQ 2960, in compleme

US-09-422-978-10825

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 949 GTCAACAGCTGGCGAGG 966
Db 20 GTCAACAGCTGGCGAGG 3

RESULT 256
US-09-303-040-72/c
; Sequence 72, Application US/09303040
; Patent No. 6555671
; GENERAL INFORMATION:
; APPLICANT: Winelow, Barbara J.
; APPLICANT: Cochran, Mark D.
; TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
; TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, Feline CTLA-4 or
; TITLE OF INVENTION: Feline Interferon-gamma And Uses Thereof
; FILE REFERENCE: 54957-B
; CURRENT APPLICATION NUMBER: US/09/303.040
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: 60/083.870
; EARLIER FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: CD28-768 primer
US-09-303-040-72

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCAGAG 228
Db 20 CCTATCCCTATCCAGAG 3

RESULT 257
US-09-198-452A-2327/c
; Sequence 2327, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevent
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198.452A

; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2327
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2327
Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 551 TGTAGCCCAACAGCAGG 568
Db 18 TGTAGCCCAACATCAGG 1

RESULT 258
US-09-198-452A-4262
; Sequence 4262, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4262

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 132 ATCTCTGCTTTGGGGCT 149
Db 3 ATTTCTGCAATGGGGTT 20

RESULT 259
US-09-198-452A-5306
; Sequence 5306, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5306
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5306

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 758 GGAGATGGCAACTGGA 775
Db 3 GTAGATGGCAACTGGA 20

RESULT 260
US-09-198-452A-6489/c
; Sequence 6489, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6489
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6489

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 719 ATTTGAGGAGCTGGGTA 736
Db 18 AATGAGGAGCTGGGCA 1

RESULT 261
US-09-068-506-48/c
; Sequence 48, Application US/09068506A
; Patent No. 6569618
; GENERAL INFORMATION:
; APPLICANT: YASUE, Hirofumi
; APPLICANT: YOSHIMURA, Kumamoto
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY
; FILE REFERENCE: 0032-245P
; CURRENT APPLICATION NUMBER: US/09/068,506A
; CURRENT FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primers
US-09-068-506-48

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 ACTGAGGAGCTGACTGAA 811
Db 18 ACTAAGGAGCTGCTGAA 1

RESULT 262
US-09-389-487-17
; Sequence 17, Application US/09389487
; Patent No. 6576742
; GENERAL INFORMATION:
; APPLICANT: FILETZ, John E.
; APPLICANT: IVANOV, Tina R.
; TITLE OF INVENTION: DNA SEQUENCE ENCODING A HUMAN IMIDAZOLINE RECEPTOR AND
; FILE REFERENCE: METHOD FOR CLONING THE SAME
; FILE REFERENCE: Corrected Sequence Listing
; Patent No. 6576742
; CURRENT APPLICATION NUMBER: US/09/389,487
; CURRENT FILING DATE: 1999-09-03

EARLIER APPLICATION NUMBER: US 08/650,766
; EARLIER FILING DATE: 1996-05-20
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-389-487-17

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 316 AAGACTGCAGAGCTG 333
| | | | | | | | | | | | | | | | | |
Db 3 AAGACGCCAGAGAGCAG 20

RESULT 263

US-09-249-247-113/c
; Sequence 113, Application US/09249247
; Patent No. 6593305
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Aiping H.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/09/249,247
; CURRENT FILING DATE: 1999-02-11
; EARLIER APPLICATION NUMBER: US 60/023,040
; EARLIER FILING DATE: 1996-08-02
; EARLIER APPLICATION NUMBER: US 60/039,959
; EARLIER FILING DATE: 1997-03-07
; EARLIER APPLICATION NUMBER: US 08/904,901
; EARLIER FILING DATE: 1997-08-01
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-249-247-113

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 816 GGTACTGTGGTGTGAA 833
| | | | | | | | | | | | | | | | | |
Db 18 GATACCTTGGTGTGAA 1

RESULT 264

US-09-780-045-72
; Sequence 72, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-780-045-72

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 790 GCAAACTGCAGGACTGAC 807
| | | | | | | | | | | | | | | | | |
Db 2 GCAAACTGTTAGACTGAC 19

RESULT 265

US-09-921-667-13
; Sequence 13, Application US/09921667
; Patent No. 6652854
; GENERAL INFORMATION:
; APPLICANT: Mohler, Kendall M.
; APPLICANT: Barone, Dauphine S.
; APPLICANT: Peschon, Jacques J.
; APPLICANT: Kennedy, Mary K.
; APPLICANT: Plueneke, John D.
; TITLE OF INVENTION: METHODS FOR TREATING AUTOIMMUNE AND CHRONIC INFLAMMATORY CONDITION
; TITLE OF INVENTION: ANTAGONISTS OF CD30 OR CD30L
; FILE REFERENCE: 2959-A
; CURRENT APPLICATION NUMBER: US/09/921,667
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/224,079
; PRIOR FILING DATE: 2000-08-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-09-921-667-13

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 AGAGCTCCAGGAAGCTTG 481
| | | | | | | | | | | | | | | | | |
Db 1 AGAGCTCCAGGCAAGG 18

RESULT 266

US-09-860-473-122/c
; Sequence 122, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-122

Query Match 1.6%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 384 CTGCTGGGGGCACAC 401
| | | | | | | | | | | | | | | | | |

Db 18 CTGCTGCTGGCACACTC 1

RESULT 267
US-08-182-968A-418/c
; Sequence 418, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 418:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-418

Query Match 1.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 CATAGCCAAATTT 722
DB 15 CATAGCCAAATTT 3

RESULT 269
US-09-064-156A-418/c
; Sequence 418, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968

Db 18 CTGCTGCTGGCACACTC 1

RESULT 267
US-08-182-968A-418/c
; Sequence 418, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 418:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-182-968A-418

Query Match 1.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 CATAGCCAAATTT 722
DB 15 CATAGCCAAATTT 3

RESULT 268
US-08-774-306A-418/c
; Sequence 418, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles

;; FILING DATE: January 13, 1994
;; APPLICATION NUMBER: 07/882,888
;; FILING DATE: May 14, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 234/083
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 418:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-09-064-156A-418

Query Match 1.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 CATAGCCAAATTT 722
Db 15 CATAGCCAAATTT 3

RESULT 270
US-09-866-108A-1758
; Sequence 1758, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1758
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1758

Query Match 1.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATG 453
Db 5 CTAAGCCAGATG 17

RESULT 271
US-09-866-108A-1759
; Sequence 1759, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1759
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1759

Query Match 1.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATG 453
Db 4 CTAAGCCAGATG 16

RESULT 272
US-09-866-108A-1760
; Sequence 1760, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1760
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1760

Query Match 1.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 441 CTAAGCCAGATG 453
DB 3 CTAAGCCAGATG 15

RESULT 273
US-09-866-108A-1761
Sequence 1761, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1761
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1761

Query Match 1.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 441 CTAAGCCAGATG 453
DB 2 CTAAGCCAGATG 14

RESULT 274
US-09-866-108A-1762
Sequence 1762, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1762
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108A-1762

Query Match 1.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 441 CTAAGCCAGATG 453
Db 1 CTAAGCCAGATG 13

RESULT 275

US-08-155-005A-9
; Sequence 9, Application US/08155005A
; Patent No. 6057433
; GENERAL INFORMATION:
; APPLICANT: Gil, Daniel W.
; APPLICANT: Regan, John W.
; TITLE OF INVENTION: Human EP3 Prostaglandin Receptor
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08155,005A
; FILING DATE: No. 6057433ember 19, 1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Israel, Ned A.
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: ALRGN.052A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; IMMEDIATE SOURCE:
; CLONE: sense primer
US-08-155-005A-9

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 173 CGCTGACAGTCAC 185
Db 4 CGCTGACAGTCAC 16

RESULT 276

US-09-487-444-10
; Sequence 10, Application US/09487444
; Patent No. 6159697
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monja
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION

; FILE REFERENCE: RTS-0133
; CURRENT APPLICATION NUMBER: US/09/487,444
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-444-10

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 420 CTCGGCTGCCCC 432
Db 1 CTCGGCTGCCCC 13

RESULT 277

US-09-363-783-9
; Sequence 9, Application US/09363783
; Patent No. 6197933
; GENERAL INFORMATION:
; APPLICANT: Gil, Daniel W.
; APPLICANT: Regan, John W.
; TITLE OF INVENTION: Human EP3 Prostaglandin Receptor
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/363,783
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/155,005
; FILING DATE: No. 6197933ember 19, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Israel, Ned A.
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: ALRGN.052A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; IMMEDIATE SOURCE:
; CLONE: sense primer
US-09-363-783-9

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 173 CGCTGACAGTCAC 185
Db 4 CGCTGACAGTCAC 16

RESULT 278

US-09-218-979-24
; Sequence 24, Application US/09218979
; Patent No. 6312960
; GENERAL INFORMATION:
; APPLICANT: William J. Balch
; APPLICANT: Michael E. Hogan
; TITLE OF INVENTION: Multiplexed molecular analysis apparatus
; FILE REFERENCE: 07762-002003
; CURRENT APPLICATION NUMBER: US/09/218,979
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 09/002,170
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapien
US-09-218-979-24

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 GTCAACAGCTGGG 961
Db 3 GTCAACAGCTGGG 15

RESULT 279

US-09-679-427-24
; Sequence 24, Application US/09679427
; Patent No. 6479301
; GENERAL INFORMATION:
; APPLICANT: William J. Balch
; APPLICANT: Michael E. Hogan
; TITLE OF INVENTION: Multiplexed molecular analysis apparatus
; FILE REFERENCE: 07762-002003
; CURRENT APPLICATION NUMBER: US/09/679,427
; CURRENT FILING DATE: 2000-10-02
; PRIOR APPLICATION NUMBER: 09/218,979
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 09/002,170
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: homo sapien
US-09-679-427-24

Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 GTCAACAGCTGGG 961
Db 3 GTCAACAGCTGGG 15

RESULT 280

US-09-661-758A-9
; Sequence 9, Application US/09661758A
; Patent No. 6670134
; GENERAL INFORMATION:
; APPLICANT: Gil, Daniel W.

Regan, John W.
TITLE OF INVENTION: Human EP3 Prostaglandin Receptor
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/661,758A
FILING DATE: 14-Sep-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/155,005
FILING DATE: No. 6670134ember 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A.
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: ALRGN.052A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
IMMEDIATE SOURCE:
CLONE: sense primer
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-661-758A-9
Query Match 1.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Cy 173 CGCTGACAGTCAC 185
Db 4 CGCTGACAGTCAC 16
RESULT 281
US-08-568-459A-33
; Sequence 33, Application US/08568459A
; Patent No. 5849306
; GENERAL INFORMATION:
; APPLICANT: Sim, Kim L.
; APPLICANT: Chitnis, Chetan
; APPLICANT: Miller, Louis H.
; APPLICANT: Peterson, David S.
; APPLICANT: Su, Xin-zhaun
; APPLICANT: Wellem, Thomas E.
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe Martens Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: California
COUNTRY: US
ZIP: 92660

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/568,459A
; FILING DATE: 07-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Israel, Ned
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: NIH121.001CPI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-568-459A-33

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 4e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 842 CAGAACACAGCCCCCACT 860
Db 1 CAGWASTCTCSCCCCACT 19

RESULT 282
US-09-166-203-56/c
; Sequence 56, Application US/09166203A
; Patent No. 5968826
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0323
; CURRENT APPLICATION NUMBER: US/09/166,203A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 60
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: control sequence
US-09-166-203-56

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 AACCTGGTACTG 822
Db 18 AACCTGGTACTG 6

RESULT 283
US-08-487-826B-45
; Sequence 45, Application US/08487826B
; Patent No. 5993827
; GENERAL INFORMATION:

```

```

; APPLICANT: Sim, Kim L.
; APPLICANT: Chitnis, Chetan
; APPLICANT: Miller, Louis H.
; APPLICANT: Peterson, David S.
; APPLICANT: Su, Xin-zhaun
; APPLICANT: Wellem, Thomas E.
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
; TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe Martens Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: California
; COUNTRY: US
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,826B
; FILING DATE: 10-SEP-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Israel, Ned
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: NIH121.001CPI
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-487-826B-45

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 4e+02;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 842 CAGAACACAGCCCCCACT 860
Db 1 CAGWASTCTCSCCCCACT 19

RESULT 284
US-09-289-267-140/c
; Sequence 140, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-140

```


Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 355 CCAACCTGCAG 367
DB 18 CCAACCTGCAG 6

RESULT 285

US-09-435-296-63/c
; Sequence 63, Application US/09435296
; Patent No. 6171860
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION
; FILE REFERENCE: RTS-0116
; CURRENT APPLICATION NUMBER: US/09/435,296
; CURRENT FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-435-296-63

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 452 TGCCTTCAGGAA 464
DB 16 TGCCTTCAGGAA 4

RESULT 286

US-09-103-875-115/c
; Sequence 115, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szvf. Moshe
; APPLICANT: Bigev, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; CURRENT FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide

US-09-103-875-115

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 827 TGCTGAAGCTGGT 839
DB 16 TGCTGAAGCTGGT 839

Db 20 TGCTGAAGCTGGT 8

RESULT 287

US-09-103-875-116
; Sequence 116, Application US/09103875A
; Patent No. 6221849
; GENERAL INFORMATION:
; APPLICANT: Szvf. Moshe
; APPLICANT: Bigev, Pascal
; APPLICANT: Ramchandani, Shyam
; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
; FILE REFERENCE: 106101.194
; CURRENT APPLICATION NUMBER: US/09/103,875A
; CURRENT FILING DATE: 1998-06-24
; EARLIER APPLICATION NUMBER: 60/069,865
; EARLIER FILING DATE: 1997-12-17
; EARLIER APPLICATION NUMBER: 08/866,340
; EARLIER FILING DATE: 1997-05-30
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide

US-09-103-875-116

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 827 TGCTGAAGCTGGT 839
DB 1 TGCTGAAGCTGGT 13

RESULT 288

US-09-377-309-56/c
; Sequence 56, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowert, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: control sequence

US-09-377-309-56

Query Match 1.6%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 AACCTGGTACTG 822
DB 18 AACCTGGTACTG 6

RESULT 289

schu568-1.rni

Fri Jul 30 10:32:07 2004

US-09-350-326-1/c
 ; Sequence 1, Application US/09350326
 ; Patent No. 6290966
 ; GENERAL INFORMATION:
 ; APPLICANT: Cox, Jeffery S.
 ; APPLICANT: Jacobs, Jr., William R.
 ; TITLE OF INVENTION: DIMUTANTS OF MYCOBACTERIA AND USES THEREOF
 ; FILE REFERENCE: 96700/565
 ; CURRENT APPLICATION NUMBER: US/09/350,326
 ; CURRENT FILING DATE: 1999-07-09
 ; NUMBER OF SEQ ID NOS: 4
 ; SEQ ID NO 1
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: primer
 ; LOCATION:
 ; OTHER INFORMATION: primer o84L-F
 ; US-09-350-326-1

Query Match 1.6%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 CTGTGATGAGCC 871
 Db 20 CTGTGATGAGCC 8

RESULT 290
 US-09-210-288-33
 ; Sequence 33, Application US/09210288
 ; Patent No. 6392026
 ; GENERAL INFORMATION:
 ; APPLICANT: Sim, Kim L.
 ; APPLICANT: Chitnis, Chetan
 ; APPLICANT: Millet, Louis H.
 ; APPLICANT: Peterson, David S.
 ; APPLICANT: Su, Xin-zhaun
 ; APPLICANT: Wellens, Thomas E.
 ; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
 ; AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
 ; NUMBER OF SEQUENCES: 37
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Knobbe Martens Olson & Bear
 ; STREET: 620 Newport Center Drive 16th Floor
 ; CITY: Newport Beach
 ; STATE: California
 ; COUNTRY: US
 ; ZIP: 92660
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/210,288
 ; FILING DATE:
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Fuller, Michael
 ; REGISTRATION NUMBER: 36,516
 ; REFERENCE/DOCKET NUMBER: NIH121.1FWDV1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (619) 235-8550
 ; TELEFAX: (619) 235-0176
 ; INFORMATION FOR SEQ ID NO: 33:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

; MOLECULE TYPE: CDNA
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; FRAGMENT TYPE:
 ; ORIGINAL SOURCE:
 ; US-09-210-288-33

Query Match 1.6%; Score 13; DB 1; Length 20;
 Best Local Similarity 68.4%; Pred. No. 4e+02;
 Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 842 CAGAACACAGCCCCCACT 860
 Db 1 CAGWASTCTSCCCCACT 19

RESULT 291
 US-09-853-768-66
 ; Sequence 66, Application US/09853768
 ; Patent No. 6444466
 ; GENERAL INFORMATION:
 ; APPLICANT: Donna T. Ward
 ; APPLICANT: Andrew T. Watt
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
 ; FILE REFERENCE: RTS-0217
 ; CURRENT APPLICATION NUMBER: US/09/853,768
 ; CURRENT FILING DATE: 2001-05-10
 ; NUMBER OF SEQ ID NOS: 91
 ; SEQ ID NO 66
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-09-853-768-66

Query Match 1.6%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 265 GGAGCACCTTCAG 277
 Db 2 GGAGCACCTTCAG 14

RESULT 292
 US-09-705-267A-144/c
 ; Sequence 144, Application US/09705267A
 ; Patent No. 6551826
 ; GENERAL INFORMATION:
 ; APPLICANT: Hong Zhang
 ; APPLICANT: Susan M. Freier
 ; APPLICANT: Andrew T. Watt
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
 ; FILE REFERENCE: RTS-0211
 ; CURRENT APPLICATION NUMBER: US/09/705,267A
 ; CURRENT FILING DATE: 2000-11-01
 ; NUMBER OF SEQ ID NOS: 177
 ; SEQ ID NO 144
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-09-705-267A-144

Query Match 1.6%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGCA 415
 Db 19 CCTGCTCCAGCA 7

```

RESULT 293
US-08-373-124A-2433/C
; Sequence 2433, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2433:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-2433

```

```

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 718 AATTTCAGGCTGCG 733
DB 17 AATTTCAGGCTGCG 2

```

```

RESULT 294
US-08-345-264A-1
; Sequence 1, Application US/08345264A
; Patent No. 5660983
; GENERAL INFORMATION:
; APPLICANT: Charles S. Levings
; APPLICANT: Ralph Dewey

```

```

; TITLE OF INVENTION: STERILITY FACTOR
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jeff Lloyd
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/345,264A
; FILING DATE: 23-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeff
; REGISTRATION NUMBER: 35,589
; REFERENCE/DOCKET NUMBER: 08/345,264
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-345-264A-1

```

```

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 299 CGGGCCCTCATGGG 314
DB 1 CGTGGCCCTCATGAG 16

```

```

RESULT 295
US-08-435-628-2433/C
; Sequence 2433, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995

```

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; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2433:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2433

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTCAGGAGCTGCG 733
DB 17 AATTCCTGAGCTGCG 2

RESULT 296
US-08-924-183-14/c
; Sequence 14, Application US/08924183A
; Patent No. 6218109
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
; FILE REFERENCE: 120541-1003
; CURRENT APPLICATION NUMBER: US/08/924,183A
; CURRENT FILING DATE: 1997-09-05
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-08-924-183-14

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGAAGCTGTGGACAA 341
DB 16 AGAAGTCTGGACAA 1

RESULT 297
US-09-021-701-112
; Sequence 112, Application US/09021701
; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; TITLE OF INVENTION: Probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-021-701-112

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 134 GTCGTCTTGGGGGCT 149
DB 1 GTCGTCTTGGGGGAT 16

RESULT 298
US-09-488-364-14/c
; Sequence 14, Application US/09488364
; Patent No. 6307015
; GENERAL INFORMATION:
; APPLICANT: Ellledge, Stephen J.
; APPLICANT: Sanchez, Yolanda
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS
; FILE REFERENCE: 120541-1013
; CURRENT APPLICATION NUMBER: US/09/488,364
; CURRENT FILING DATE: 2000-01-12
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-09-488-364-14

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;

```

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 326 AGAAGCTGTGGACAA 341
|||||
Db 16 AGAAGTCTGGACAA 1

RESULT 299

US-08-584-040-2822
; Sequence 2822, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR

; NUMBER OF SEQUENCES: 8502

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/584,040

; FILING DATE: January 11, 1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/005,974

; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/064

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2822:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-584-040-2822

Query Match 1.5%; Score 12.8; DB 1; Length 17;

Best Local Similarity 25.0%; Pred.No.3.3e+02;

Matches 4; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 928 CTTTCAGGTTTGTGT 943

|||||

Db 1 CUUUCACUUUUUUU 16

RESULT 300

US-08-679-645-149
; Sequence 149, Application US/08679645
; Patent No. 6350934

GENERAL INFORMATION:

; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; STATE: Los Angeles

; COUNTRY: California

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/679,645

; FILING DATE: July 12, 1996

; CLASSIFICATION: 800

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/001,135

; FILING DATE: July 13, 1995

; APPLICATION NUMBER: 08/300,726

; FILING DATE: September 2, 1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 219/247

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 149:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-679-645-149

Query Match 1.5%; Score 12.8; DB 1; Length 17;

Best Local Similarity 81.2%; Pred.No.3.3e+02;

Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 777 AAGAAGTGTGAGCGCA 792

|||||

Db 1 AAGAAGUUCGAGCGCA 16

RESULT 301

US-09-474-432B-409/c

; Sequence 409, Application US/09474432B

; Patent No. 6528640

GENERAL INFORMATION:

; APPLICANT: Ribozyne Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Burgin, Alex

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka

; APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 409
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-409

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 474 GAACITGGCATTCTC 489
Db 17 GTACTGGCATTCTC 2

RESULT 302

US-09-474-432B-857/C
; Sequence 857, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; PRIOR FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 857
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-857

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 CCTGGTACTGTGGGT 827
Db 17 CCCAGTACTGTGGGT 2

RESULT 303

US-08-541-939-13
; Sequence 13, Application US/08541939
; Patent No. 6541238
; GENERAL INFORMATION:
; APPLICANT: Saxena, Inder M.
; APPLICANT: Lin, Fong C.
; APPLICANT: Brown, R. M.
; TITLE OF INVENTION: Recombinant Cellulose Synthase
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,939
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/222,322
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTSB:564/MAY
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; TELEX: N/A
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 6
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N = inosine"
US-08-541-939-13

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 945 ATGAGTCAACAGCTGGG 961
Db 1 ATGAGCAACTGATGGG 17

RESULT 304

US-09-371-772B-1346
; Sequence 1346, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B

```

; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1346
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1346

Query Match      1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.3e+02;
Matches 4; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 928 CTTTCAGGTTTGTGTT 943
      ||||| :|||:|:|:|:|:|
Db 1 CUUUCACUUUUUUUUU 16

RESULT 305
US-09-371-772B-5599
; Sequence 5599, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 5599
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5599

Query Match      1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.3e+02;
Matches 4; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 928 CTTTCAGGTTTGTGTT 943
      ||||| :|||:|:|:|:|
Db 2 CUUUCACUUUUUUUUU 17

RESULT 306
US-09-476-387-408/c
; Sequence 408, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jaserka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387

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; Sequence 1787, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensteng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSION AND USE THEREOF
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,188
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,450
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,355
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Eng
; Patent No. 6686188
; SEQ ID NO 1787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; OS: 09-866-108A-1787

```

```
Query Match      1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14: Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 379 CCGTCCCTGCTGGCGG 394
|||
Db 17 CCTTCCCTGCTGGCAGG 2

```

RESULT 309
US-9-866-108A-1788/c
: Sequence 1788, Application US/09866108A
: Patent No. 6686188
: GENERAL INFORMATION:
: APPLICANT: GU, Yizhong
: APPLICANT: JI, Yonggang
: APPLICANT: PENN, Sharron G.
: APPLICANT: HANZEL, David K.
: APPLICANT: RANK, David R.
: APPLICANT: CHEN, Wensheng
: APPLICANT: SHANNON, Mark
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSION
: FILE REFERENCE: A60MICA-7
: CURRENT APPLICATION NUMBER: US/09/866,
: CURRENT FILING DATE: 2001-05-25
: PRIOR APPLICATION NUMBER: US 60/207,451
: PRIOR FILING DATE: 2000-05-26
: PRIOR APPLICATION NUMBER: GB 24263.6
: PRIOR FILING DATE: 2000-10-04

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, PRIOR APPLICATION NUMBER: US 60/236,359
, PRIOR FILING DATE: 2000-03-27
, PRIOR APPLICATION NUMBER: PCT/US01/00666
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00667
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00664
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00669
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00665
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00668
, PRIOR FILING DATE: 2001-01-30
, PRIOR APPLICATION NUMBER: PCT/US01/00663
, PRIOR FILING DATE: 2001-01-30
, Remaining Prior Application data removed - See File Wrapper or PALM.
, NUMBER OF SEQ ID NOS: 15755
, SOFTWARE: Aeonica Sequence Listing Engine
, Patent NO. 6686188
, SEQ ID NO 1788

```

Query Match	1.5%	Score 12.6;	DB 1;	Length 17;
Best Local Similarity	87.5%;	Pred. No. 3.3e+02;		
Matches 14:	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

Qy 379 CCGTCCTGCTGGCGG 394
||-||| ||| ||| |||
Db 16 CATTCTGCTGGCAGG 1

RESULT 310
 US-09-866-108A-6595
 ; Sequence 6595, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AFM01CA-7

Oy	379	CGCTCCTGCTGGCGG	394
Dd	17	CCTTCCTGCTGCAGG	2
	RESULT	309	
	US-09-866-108A-1788/c		
	; Sequence 1788,	Application US/09866108A	
	; Patent No.	6686188	
	GENERAL INFORMATION:		
	; APPLICANT:	GU, Yizhong	
	; APPLICANT:	Ji, Yonggang	
	; APPLICANT:	PENN, Sharon G.	
	; APPLICANT:	HANZEL, David K.	
	; APPLICANT:	RANK, David R.	
	; APPLICANT:	CHEN, Wensheng	
	; APPLICANT:	SHANNON, Mark	
	TITLE OF INVENTION:	MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE	
	FILE REFERENCE:	AEMICA-7	
	CURRENT APPLICATION NUMBER:	US/09/866,108A	
	CURRENT FILING DATE:	2001-05-25	
	PRIOR APPLICATION NUMBER:	US 60/207,456	
	PRIOR FILING DATE:	2000-05-26	
	PRIOR APPLICATION NUMBER:	GB 24263.6	
	PRIOR FILING DATE:	2000-10-04	
	REMAINING PRIOR APPLICATION DATA REMOVED -		
	NUMBER OF SEQ ID NOS:	15755	

PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7587
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7587

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 AACTGGAGGAGAGTG 784
DB 1 AACTGGAGGAGAGTG 16

RESULT 314
US-09-866-108A-8378/c
Sequence 8378, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8384
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8384

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCAG 416
DB 16 CACTCTGCTCCAGCTG 1

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8378
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8378

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 406 TGCTCCAGCAGGCTCT 421
DB 17 TGCTCCAGCTGGCTGT 2

RESULT 315
US-09-866-108A-8384/c
Sequence 8384, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8384
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8384

Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCAG 416
DB 16 CACTCTGCTCCAGCTG 1

```
RESULT 316
PCT-US92-01358-5/c
; Sequence 5, Application PC/TUS9201358
; GENERAL INFORMATION:
; APPLICANT: GENENTECH, INC.
; TITLE OF INVENTION: METHODS FOR SELECTION OF RECOMBINANT
; TITLE OF INVENTION: HOST CELLS EXPRESSING HIGH LEVELS OF A DESIRED PROTEIN
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US92/01358
; FILING DATE: 19920220
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/677,045
; FILING DATE: 29 MAR 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Hensley, Max D.
; REGISTRATION NUMBER: 27,043
; REFERENCE/DOCKET NUMBER: 693
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/266-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US92-01358-5
Query Match 1.5%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 3.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 535 GCCTCTTCTCGACTC 550
DB 17 GCCTTTTCTCGATC 2

RESULT 317
US-08-363-585-101
; Sequence 101, Application US/08363585
; Patent No. 5683872
; GENERAL INFORMATION:
; APPLICANT: Rudert, William A.
; APPLICANT: Trucco, Massimo
; TITLE OF INVENTION: Polymers of Oligonucleotide Probes
; TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
; TITLE OF INVENTION: Dot Blots
; NUMBER OF SEQUENCES: 112
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: University of Pittsburgh
; STREET: Office of Intellectual Property
; STREET: 911 William Pitt Union
; CITY: Pittsburgh
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 15260
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5-1/4" low density diskette
```

```
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Cohen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 101:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 101: 1 to 18
US-08-363-585-101
Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 458 CCAGGAGAGCTCCAG 473
DB 1 CCAGGAGAGCTCTGT 16

RESULT 318
US-08-657-884-13/c
; Sequence 13, Application US/08657884
; Patent No. 5858981
; GENERAL INFORMATION:
; APPLICANT: SCHREIBER, ALAN D.
; APPLICANT: PARK, JONG-GU
; TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/657,884
; FILING DATE: 07-JUN-1996
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
```

NAME: WILSON, MARY J.
 REGISTRATION NUMBER: 32,955
 REFERENCE/DOCKET NUMBER: 555-46
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 816-4000
 TELEFAX: (703) 816-4100
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-657-884-13

Query Match 1.5%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 GCTGGCGGGCACAC 401
 Db 17 GCCGGAGGGCACAC 2

RESULT 319

US-08-585-684B-2684/c
 Sequence 2684, Application US/08585684B
 Patent No. 5877021
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 INDUCTION OF GRAFT TOLERANCE
 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 NUMBER OF SEQUENCES: 2751
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/585,684B
 FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/000,951
 FILING DATE: July 7, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2684:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-585-684B-2684

Query Match

1.5%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 770 ACTGGAGAAGAGTGT 785
 Db 18 ACTGGAGCAGCAGTGT 3

RESULT 320

US-08-958-642-15
 Sequence 15, Application US/08958642
 Patent No. 5948623
 GENERAL INFORMATION:
 APPLICANT:

APPLICANT:
 TITLE OF INVENTION: NOVEL METHOD FOR TESTING THE
 DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL
 NUMBER OF SEQUENCES: 16
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/958,642
 FILING DATE:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/778,423
 FILING DATE: December 31, 1996
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 DESCRIPTION: /desc = "Oligonucleotide"
 US-08-958-642-15

Query Match 1.5%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 455 CTCACAGAGAGCTC 470
 Db 1 CTCACAGAGAGCTC 16

RESULT 321

US-09-212-771-16
 Sequence 16, Application US/09212771
 Patent No. 5958773
 GENERAL INFORMATION:
 APPLICANT: Brett P. Monia

APPLICANT: Lex M. Cowser
 TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION
 FILE REFERENCE: RRS-0034
 CURRENT APPLICATION NUMBER: US/09/212,771
 CURRENT FILING DATE: 1998-12-16
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 16

LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-212-771-16

Query Match 1.5%; Score 12.8; DB 1; Length 18;
 Best Local Similarity 87.5%; Pred. No. 3.7e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CAGAGAGCTGTGGAG 338

```

/ APPLICATION NUMBER: 08/232,345
/ FILING DATE: August 17, 1994
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jackson Esq., David A.
/ REGISTRATION NUMBER: 26,742
/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201 487-5800
/ TELEFAX: 201 343-1684
/ TELEX: 133521
/ INFORMATION FOR SEQ ID NO: 66:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (primer)
/ DESCRIPTION: sequence tagged-site specific PCR primer sWSS1392
/ HYPOTHEICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ ORGANISM: Human
/ US-08-485-942A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAAGACTGCAGAGA 328
DB 18 GAAAGAGATGCAGAGA 3

RESULT 324
US-08-778-423A-15
/ Sequence 15, Application US/08778423A
/ Patent No. 6071697
/ GENERAL INFORMATION:
/ APPLICANT:
/ APPLICANT:
/ TITLE OF INVENTION: NOVEL METHOD FOR TESTING THE
/ TITLE OF INVENTION: DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL
/ NUMBER OF SEQUENCES: 16
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/778,423A
/ FILING DATE: December 31, 1996
/ INFORMATION FOR SEQ ID NO: 15:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Oligonucleotide"
/ US-08-778-423A-15

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 455 CTTCCAGGAGAGCTC 470
DB 1 CTTCCAGGAGAGCTC 16

RESULT 325
US-08-846-020A-32/c

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; Sequence 32, Application US/08846020A
; Patent No. 6090547
; GENERAL INFORMATION:
; APPLICANT: Drzen M.D., Jeffrey M.
; APPLICANT: In M.D., Kwang-Ho
; APPLICANT: Asano M.D., Koichiro
; APPLICANT: Beier, David
; APPLICANT: Grobholz, James
; TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence
; TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/846,020A
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0092662-0012
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248-4000
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; IMMEDIATE SOURCE:
; CLONE: Exon 9 sense primer
; US-08-846-020A-32

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 951 CAACAGCTGGGAGGG 966
Db 16 CACGAGCTGGGAGGG 1

RESULT 326
US-08-846-020A-66/c
; Sequence 66, Application US/08488214A
; Patent No. 6124439
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, AND STEPHEN K. BURLER
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND METHOD OF MAKING
; TITLE OF INVENTION: (AS AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:

; Sequence 66, Application US/08488214A
; Patent No. 6124439
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, AND STEPHEN K. BURLER
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND METHOD OF MAKING
; TITLE OF INVENTION: (AS AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,214A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6124439ember 30, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer swss1392
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-488-214A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAGAGCTGCAGAGA 328
Db 18 GAAAGAATGCAGAGA 3

RESULT 327
US-08-488-208A-66/c
; Sequence 66, Application US/08488208A
; Patent No. 6124448
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

```

;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/488,208A
;/ FILING DATE: 07-JUN-1995
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 08/485,943
;/ FILING DATE: June 7, 1995
;/ APPLICATION NUMBER: 08/438,431
;/ FILING DATE: May 10, 1995
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 08/347,553
;/ FILING DATE: No. 6124448embdr 30, 1994
;/ CLASSIFICATION: 514
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 08/292,345
;/ FILING DATE: August 17, 1994
;/ CLASSIFICATION: 514
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Jackson Esq., David A.
;/ REGISTRATION NUMBER: 26,742
;/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 201 487-5800
;/ TELEFAX: 201 343-1684
;/ TELEX: 133521
;/ INFORMATION FOR SEQ ID NO: 66:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 18 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ MOLECULE TYPE: DNA (primer)
;/ DESCRIPTION: sequence tagged-site specific PCR primer sws1392
;/ HYPOTHETICAL: NO
;/ ANTI-SENSE: NO
;/ ORIGINAL SOURCE:
;/ ORGANISM: Human
;/ US-08-488-208A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAAGACTGCAGAGA 328
Db 18 GAAGAAGATGCAGAGA 3

RESULT 328
US-09-038-073-2684/c
; Sequence 2684, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; TYPE: storage
; COMPUTER: IBM Compatible

;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/09/038,073
;/ FILING DATE:
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 08/595,684
;/ FILING DATE:
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/078
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 2684:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 18 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-09-038-073-2684

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAGTGT 785
Db 18 ACTGGAGCAGCAGTGT 3

RESULT 329
US-09-158-980-13/c
; Sequence 13, Application US/09158980
; Patent No. 6242427
; GENERAL INFORMATION:
; APPLICANT: SCHREIBER, ALAN D.
; APPLICANT: PARK, JONG-GU
; TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/158,980
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/657,884
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 555-46
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-158-980-13

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 GCTGGGGGACACAC 401
DB 17 GCGGAGGACACAC 2

RESULT 330

US-09-440-523-47/c
Sequence 47, Application US/09440523
Patent No. 6268148
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Lubin, Matthew
TITLE OF INVENTION: DETECTION OF NUCLEIC ACID SEQUENCE DIFFERENCES USING
FILE REFERENCE: 19603/441
CURRENT APPLICATION NUMBER: US/09/440,523
CURRENT FILING DATE: 1999-11-15
PRIOR APPLICATION NUMBER: 08/864,473
PRIOR FILING DATE: 1997-05-28
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 47
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence
OTHER INFORMATION: Oligonucleotide Sequence
US-09-440-523-47

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 297 GTCGGGGCCCTGGCATG 312
DB 18 GTCGGGGCCCTGGATG 3

RESULT 331

US-08-483-211A-66/c
Sequence 66, Application US/08483211A
Patent No. 6309853
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,211A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: June 7, 1995
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6309853ember 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer swss1392
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-08-483-211A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAGACTCCAGAGA 328
DB 18 GAAAGAATCCAGAGA 3

RESULT 332

US-08-488-223A-66/c
Sequence 66, Application US/08488223A
Patent No. 6350730
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,223A
FILING DATE: 07-Jun-1995
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/485,943
FILING DATE: <Unknown>

APPLICATION NUMBER: 08/347,563
FILING DATE: NO. 6350730ember 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWSS1392
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 66:
US-08-488-223A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 313 GGAAGACTGCACAGA 328
DB 18 GAAAGATGCACAGA 3

RESULT 333
US-09-617-871-32/c
Sequence 32, Application US/09617871
Patent No. 6355434
GENERAL INFORMATION:
APPLICANT: Drazen M.D., Jeffrey M.
APPLICANT: In M.D., Kwang-Ho
APPLICANT: Asano M.D., Koichiro
APPLICANT: Beier, David
APPLICANT: Grobholz, James
TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence
TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSER: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/617,871
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/846,020
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0092662-0012
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 248-5000
TELEFAX: (617) 248 4000
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
IMMEDIATE SOURCE:
CLONE: Exon 9 sense primer
US-09-617-871-32
Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 951 CAACAGCTGGCAGGG 966
DB 16 CAGCAGCTGGGAGGG 1
RESULT 334
US-08-438-431A-66/c
Sequence 66, Application US/08438431A
Patent No. 6429290
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/438,431A
FILING DATE: May 10, 1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: No. 6429290ember 30, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 66:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWSS1392
HYPOTHETICAL: NO
ANTI-SENSE: NO

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; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-438-431A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAAGACTGCAGAGA 328
Db 18 GAAAGAGATGCAGAGA 3

RESULT 335
US-08-488-225A-66/c
; Sequence 66, Application US/08488225A
; Patent No. 6471956
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,225A
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/483,211
; FILING DATE: June 7, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6471956ember 30, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer
; DESCRIPTION: SWS1392
; HYPOTHETICAL: NO
; ANTI-SENSE: NO

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; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-488-225A-66

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 313 GGAAAGACTGCAGAGA 328
Db 18 GAAAGAGATGCAGAGA 3

RESULT 336
US-09-422-978-7334
; Sequence 7334, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7334.
; TYPE: DNA
; LENGTH: 18
; ORGANISM: Homo Sapiens
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3749 for SEQ 3400,
US-09-422-978-7334

Query Match 1.5%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 3.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 324 AGAGAAGCTGTGGAGC 339
Db 2 AGAGAAGCTGTGGAGC 17

RESULT 337
US-09-422-978-9227/c
; Sequence 9227, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9227
; LENGTH: 18
; TYPE: DNA

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```
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-23312 for SEQ 1362, in complete
US-09-422-978-9227

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 404 CCTGCTCCAGCAGGCT 419
Db 18 CCTGCTCCAGTATGCT 3

RESULT 338
US-09-422-978-11175
; Sequence 11175, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11175
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-3147 for SEQ 3310, in complete
US-09-422-978-11175

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 792 AAACGTGACGAGTGC 807
Db 3 ACACAGCAGGACTGAC 18

RESULT 339
US-09-811-492-13/c
; Sequence 13, Application US/09811492
; Patent No. 6638764
; GENERAL INFORMATION:
; APPLICANT: SCHREIBER, ALAN D.
; APPLICANT: PARK, JONG-GU
; TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; ATTORNEY/AGENT INFORMATION:
; NAME: Hamlet-King, Diana
```

```
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/811,492
; FILING DATE: 19-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/657,884
; FILING DATE: 07-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 555-46
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (Genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-811-492-13

Query Match
Best Local Similarity 1.5%; Score 12.8; DB 1; Length 18;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 GCTGCGGCGCACAC 401
Db 17 GCCGAGGCGCACAC 2

RESULT 340
US-08-302-449-40/c
; Sequence 40, Application US/08302449
; Patent No. 5679835
; GENERAL INFORMATION:
; APPLICANT: Matalon, Reuben
; APPLICANT: Kaul, Rajinder
; APPLICANT: Cao, Guang Ping
; APPLICANT: Balamurugan, Kuppareddi
; APPLICANT: Michals-Matalon, Kimberlee
; TITLE OF INVENTION: Aspartocyclase Gene, Protein, and
; TITLE OF INVENTION: Methods of Screening for Mutations Associated with Canavan
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Millen, White, Zelano & Branigan, P.C.
; STREET: 2200 Clarendon Boulevard, Suite 1400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22201
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/302,449
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/128,020
; FILING DATE: 29-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/07430
; FILING DATE: 05-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Hamlet-King, Diana
```

REGISTRATION NUMBER: 33,302
REFERENCE/DOCKET NUMBER: SHUTT 2
TELEPHONE: 703-243-6333
TELEFAX: 703-243-6410
TELEX: 64191
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-302-449-40

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 667 AGCTGAAGTCAAGA 682
DB 16 AGCTGAAGTCAAGA 1

RESULT 341
US-08-417-629B-3
Sequence 3, Application US/08417629B
Patent No. 5981172
GENERAL INFORMATION:
APPLICANT: JOHN N. SIMONS
APPLICANT: TAMI J. PILOT-MATIAS
APPLICANT: GEORGE J. DAMSON
APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: SURESH M. DESAI
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BULK
APPLICANT: ISA K. MUSHAWAR
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
STREET: ONE ABBOTT PARK ROAD
CITY: ABBOTT PARK
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/417,629B
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: POREMSKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.US.P7
TELEPHONE: 708-937-6365
TELEFAX: 708-937-6365
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-417-629B-3

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 198 AGTTTCTGGTTCCTCC 213
DB 4 AGTTTCTGGTTCCTCC 19

RESULT 342
US-08-338-579A-45/c
Sequence 45, Application US/08338579A
Patent No. 6068975
GENERAL INFORMATION:
APPLICANT: Gilliam, T. Conrad
APPLICANT: Tanzi, Rudolph E.
TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
TITLE OF INVENTION: DISEASE GENE
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,579A
FILING DATE: June 17, 1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0525
TELEX:
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-338-579A-45

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 TACTGTGGTCTCGAA 833
DB 19 TACTGTGGTCTCGTAA 4

RESULT 343
US-08-469-260A-671
Sequence 671, Application US/08469260A
Patent No. 6451578
GENERAL INFORMATION:
APPLICANT: JOHN N. SIMONS
APPLICANT: TAMI J. PILOT-MATIAS
APPLICANT: GEORGE J. DAMSON
APPLICANT: GEORGE G. SCHLAUDER

APPLICANT: SURESH M. DESAI
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BUIJK
APPLICANT: ISA K. MUSHAWAR
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE
NUMBER OF SEQUENCES: 716
CORRESPONDENCE ADDRESS:
ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
STREET: 100 ABBOTT PARK ROAD
CITY: ABBOTT PARK
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,260A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/424,550
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: FOREMSKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-6365
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 671:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-469-260A-671

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 198 AGTTCTCTGGTCCCTCC 213
Db 4 AGTTCTCTGGTACCC 19

RESULT 344
US-09-422-978-4880
Sequence 4880, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4880

LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-18406 for SEQ 946,
US-09-422-978-4880

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 204 CTGGTTCCAGCCCT 219
Db 2 CTGGTTCCAGCCCT 17

RESULT 345
US-09-422-978-9367/c
Sequence 9367, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9367
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-25716 for SEQ 1502, in complete
US-09-422-978-9367

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAGAGCTCCAGGA 476
Db 18 GGAGAGCTACAGGA 3

RESULT 346
US-08-488-446-671
Sequence 671, Application US/08488446
Patent No. 6558898
GENERAL INFORMATION:
APPLICANT: JOHN N. SIMONS
APPLICANT: TAMI J. PILOT-MATTIAS
APPLICANT: GEORGE J. DAWSON
APPLICANT: GEORGE G. SCHLAUDER
APPLICANT: SURESH M. DESAI
APPLICANT: THOMAS P. LEARY
APPLICANT: ANTHONY SCOTT MUERHOFF
APPLICANT: JAMES C. ERKER
APPLICANT: SHERI L. BUIJK
APPLICANT: ISA K. MUSHAWAR
TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
TITLE OF INVENTION: REAGENTS AND METHODS FOR THEIR USE

```

;
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,446
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/424,550
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: FOREMSKI, PRISCILLA E.
; REGISTRATION NUMBER: 33,207
; REFERENCE/DOCKET NUMBER: 5527.PC.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708-937-6365
; TELEFAX: 708-938-2623
; INFORMATION FOR SEQ ID NO: 671:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 671:
US-08-467-344A-671

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 198 AGTTCTCTGGTTCCTCC 213
Db 4 AGTTCTCTGTGTACCC 19

RESULT 347
US-08-467-344A-671
; Sequence 671, Application US/08467344A
; Patent No. 6586568
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; TAMI J. PILOT-MATIAS
; GEORGE J. DAWSON
; GEORGE G. SCHLAUDER
; SURESH M. DESAI
; THOMAS P. LEARY
; ANTHONY SCOTT MUEHROFF
; JAMES C. ERKER
; SHERI L. BUIJK
; ISA K. MUSHAWAR
; TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
; REAGENTS AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

;
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/467,344A
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/424,550
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: FOREMSKI, PRISCILLA E.
; REGISTRATION NUMBER: 33,207
; REFERENCE/DOCKET NUMBER: 5527.PC.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 708-937-6365
; TELEFAX: 708-938-2623
; INFORMATION FOR SEQ ID NO: 671:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 671:
US-08-467-344A-671

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 198 AGTTCTCTGGTTCCTCC 213
Db 4 AGTTCTCTGTGTACCC 19

RESULT 348
US-09-548-797B-88/c
; Sequence 88, Application US/09548797B
; Patent No. 6683165
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4039
; CURRENT APPLICATION NUMBER: US/09/548,797B
; CURRENT FILING DATE: 2002-11-26
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 60/123,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-797B-88

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 411 CAGCAGGCTCTCCGCG 426
Db 16 CAGGAGGCTCTACGGC 1

RESULT 349
PCT-US94-07430-40/c
; Sequence 40, Application PC/TUS9407430
; GENERAL INFORMATION:
; APPLICANT: Matalon, Reuben
; APPLICANT: Kaul, Rajinder

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; APPLICANT: Cao, Guang Ping
; APPLICANT: Balamurugan, Kuppareddi
; APPLICANT: Michalis-Matalon, Kimberlee
; TITLE OF INVENTION: Aspartacylase Gene, Protein, and
; TITLE OF INVENTION: Methods of Screening for Mutations Associated with Canavan
; TITLE OF INVENTION: Disease
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Millen, White, Zelano & Branigan, P.C.
; STREET: 2200 Clarendon Boulevard, Suite 1400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22201
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/07430
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/128,020
; FILING DATE: 29-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Hamlet-King, Diana
; REGISTRATION NUMBER: 33,302
; REFERENCE/DOCKET NUMBER: SHUTT 1PO
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-243-6333
; TELEFAX: 703-243-6410
; TELEX: 64191
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US94-07430-40

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 667 AGCTGAGCTCAGCA 682
Db 16 AGCTGAAGCTCAGCA 1

RESULT 350
PCT-US94-09851-45/c
; Sequence 45, Application PC/TUS9409851
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US94-09851-45

Query Match 1.5%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 4.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 818 TACTGTGGTGCTGAA 833
Db 19 TACTGTGGTGCTGAA 4

RESULT 351
US-08-031-143B-58/c
; Sequence 58, Application US/08031143B
; Patent No. 5518880
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA: US/08/031,143B
; APPLICATION NUMBER: US/08/031,143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE:

```

DESCRIPTION: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-58

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 448 CAGATGCTTCCAGGAAGA 466
||| ||||| ||||| |||||
Db 19 CAAGTGGCTGCCAGCAAGA 1

RESULT 352

US-07-999-071-12
Sequence 12, Application US/07999071
Patent No. 5691196

GENERAL INFORMATION:

APPLICANT: Mak, Paul
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/999,071
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31941
TELEPHONE: (201) 831-3241
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-07-999-071-12

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 806 ACTGAACCTTGGTACTGTG 824
||||| ||||| ||||| |||||
Db 1 ACTGAACCTTGGTACTGTG 19

RESULT 353

US-08-469-122-12
Sequence 12, Application US/08469122
Patent No. 5700650

GENERAL INFORMATION:

APPLICANT: Mak, Paul
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,122
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,071
FILING DATE: 31-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31941
TELEPHONE: (201) 831-3241
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-469-122-12

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 806 ACTGAACCTTGGTACTGTG 824
||||| ||||| ||||| |||||
Db 1 ACTGAACCTTGGTACTGTG 19

RESULT 354

US-08-465-783-12
Sequence 12, Application US/08465783
Patent No. 5700682

GENERAL INFORMATION:

APPLICANT: Mak, Paul
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,783


```

; FILING DATE: 435
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: US 07/999,071
; APPLICATION NUMBER: 31-DEC-1992
; FILING DATE: 31-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31145
; REFERENCE/DOCKET NUMBER: 31941
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 831-3241
; TELEFAX: (201) 831-3305
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-465-783-12

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 806 ACTGAACCCCTGTACTGTG 824
Db 1 ACTGAACCCCTGTGAACCCGTG 19

RESULT 355
US-08-469-120-12
; Sequence 12, Application US/08469120
; Patent No. 5714595
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; TITLE OF INVENTION: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,120
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,071
; FILING DATE: 31-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31145
; REFERENCE/DOCKET NUMBER: 31941
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 831-3241
; TELEFAX: (201) 831-3305
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

```

```

US-08-469-120-12

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 806 ACTGAACCCCTGTACTGTG 824
Db 1 ACTGAACCCCTGTGAACCCGTG 19

RESULT 356
US-08-983-108-22
; Sequence 22, Application US/08983108
; Patent No. 5972612
; GENERAL INFORMATION:
; APPLICANT: Malmqvist, Magnus
; APPLICANT: Persson, Bjorn
; TITLE OF INVENTION: METHOD FOR NUCLEIC ACID SEQUENCING
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/983,108
; FILING DATE: 15-MAY-1998
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Loop, Thomas E.
; REGISTRATION NUMBER: 41,181
; REFERENCE/DOCKET NUMBER: 740073.441US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-983-108-22

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 486 CCTCAGCATCTAATTGGAG 504
Db 1 CCTCAGCATCTTATCCGAG 19

RESULT 357
US-08-430-225A-9/c
; Sequence 9, Application US/08430225A
; Patent No. 6204000
; GENERAL INFORMATION:
; APPLICANT: Dong, Jin-Tang; Barrett,
; APPLICANT: J. Carl; Lamb, Patricia W.; Isaacs, John T.
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND
; TITLE OF INVENTION: GENE THERAPY USING REAGENTS DERIVED FROM THE
; TITLE OF INVENTION: HUMAN METASTASIS SUPPRESSOR GENE KAI1
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

```

STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,225A
FILING DATE: 28-APR-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: RICHARD W. BORK
REGISTRATION NUMBER: 36,459
REFERENCE/DOCKET NUMBER: 2026-4172
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-430-225A-9

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 602 GCGGTCGAGTGGCCATC 620
Db 19 GCGGTCGAGTGGCCATC 1

RESULT 358
US-09-527-030G-24/c
; Sequence 24, Application US/09527030G
; Patent No. 6482588
; GENERAL INFORMATION:
; APPLICANT: VAN DOORN, Leen-Jan et al.
; TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and b
; TITLE OF INVENTION: specific reverse hybridization.
; FILE REFERENCE: 3501-0101P
; CURRENT APPLICATION NUMBER: US/09/527,030G
; CURRENT FILING DATE: 2000-03-16
; NUMBER OF SEQ ID NOS: 497
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
US-09-527-030G-24

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 856 CCACGTGATGAGCCCAA 874
Db 19 CCACGTGATGAGCCCAA 1

RESULT 359
US-09-435-019-47
; Sequence 47, Application US/09435019
; Patent No. 6489140

GENERAL INFORMATION:
; APPLICANT: Wisniewski, Nancy
; APPLICANT: Becher, Anna M.
; APPLICANT: Jarvis, Eric
; TITLE OF INVENTION: NOVEL FLEA ECDYSONE AND ULTRASPIRACLE NUCLEIC ACID
; TITLE OF INVENTION: MOLECULES, PROTEINS AND USES THEREOF
; FILE REFERENCE: FC-4
; CURRENT APPLICATION NUMBER: US/09/435,019
; CURRENT FILING DATE: 1993-11-05
; EARLIER APPLICATION NUMBER: 60/107,559
; EARLIER FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-435-019-47

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 714 GCCAAATTCAGGAGCTGC 732
Db 1 GCCGAAATTCAGGAGCTTC 19

RESULT 360
US-09-216-393B-286/c
; Sequence 286, Application US/09216393B
; Patent No. 6514594
; GENERAL INFORMATION:
; APPLICANT: Milhausen, Michael James
; TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THERE
; FILE REFERENCE: TX-1-C2
; CURRENT APPLICATION NUMBER: US/09/216,393B
; CURRENT FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: 08/994,825
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 366
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 286
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-216-393B-286

Query Match 1.5%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 4.5e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 877 CCATTGAGTCCTCATGT 895
Db 19 CCATACAGTCCTTCGTGT 1

RESULT 361
US-09-422-978-9031
; Sequence 9031, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978

```

; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9031
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-2084 for SEQ 1166, in compleme
US-09-422-978-9031

Query Match
Best Local Similarity 1.5%; Score 12.6; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 936 TTTTGTATTATGATGCAAC 954
Db 1 TTTTGTATTATGATGCCAC 19

RESULT 362
PCT-US94-02891-58/c
; Sequence 58, Application PC/TU99402891
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
; APPLICANT: SERVICES
; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: XSCID
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; OPERATING SYSTEM: IBM PC COMPATIBLE
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02891
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,143
; FILING DATE: 12-MAR-1993
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE

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```

; TOPOLOGY: UNKNOWN
; MOLECULE TYPE:
; DESCRIPTION: OLIGONUCLEOTIDE
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-58

Query Match
Best Local Similarity 1.5%; Score 12.6; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 448 CAGATGCTTCCAGGAAGA 466
Db 19 CAACTGCTGTCAGCAAGA 1

RESULT 363
US-09-667-135-10
; Sequence 10, Application US/09667135
; Patent No. 6521749
; GENERAL INFORMATION:
; APPLICANT: Vincent Ling
; APPLICANT: Kyriaki Dunussi-Joannopoulos
; TITLE OF INVENTION: NOVEL GL50 MOLECULES AND USES THEREFOR
; FILE REFERENCE: GNN-007
; CURRENT APPLICATION NUMBER: US/09/667,135
; CURRENT FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PASTSEQ for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-667-135-10

Query Match
Best Local Similarity 1.5%; Score 12.6; DB 1; Length 22;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 400 ACACCTGCTCCAGCAGGC 418
Db 4 ACACCTGCTGACCAAGC 22

RESULT 364
US-08-862-337-12/c
; Sequence 12, Application US/08862337
; Patent No. 6582902
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Kenan, Daniel J.
; APPLICANT: Tsai, Donald E.
; TITLE OF INVENTION: Nucleic Acid Epitopes and Methods of
; TITLE OF INVENTION: Making and Using the Same
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kenneth D. Sibley; Bell, Seltzer, Park and
; ADDRESSEE: Gibson
; STREET: Post Office Drawer 34009
; CITY: Charlotte
; STATE: No. 6582902th Carolina
; COUNTRY: U.S.A.
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

```

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/862,337
;; FILING DATE: 23-MAY-1997
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/447,196
;; FILING DATE:
;; APPLICATION NUMBER: US/07/956,693
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Sibley, Kenneth D.
;; REGISTRATION NUMBER: 31,665
;; REFERENCE/DOCKET NUMBER: 5405-69
;; TELEPHONE: 919-881-3140
;; TELEFAX: 919-881-3175
;; TELEX: 575102
;; INFORMATION FOR SEQ ID NO: 12:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: rRNA
US-08-862-337-12

Query Match 1.5%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 404 CTGCTCCAGCAGG 417
Db 14 CTGCTCCAGCAGG 1

RESULT 365
US-08-025-038-13
; Sequence 13, Application US/08025038
; Patent No. 5545526
; GENERAL INFORMATION:
; APPLICANT: BAXTER-LOWE, Lee-Ann
; TITLE OF INVENTION: Method For HLA Typing
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 777 E. Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-5367
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/025,038
; FILING DATE: 19930301
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/544,218
; FILING DATE: 27-JUN-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Philip G.
; REGISTRATION NUMBER: 30,478
; REFERENCE/DOCKET NUMBER: 204 854
; TELEPHONE: (414)289-3761
; TELEFAX: (414)289-3791
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: NUCLEIC ACID

;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-025-038-13

Query Match 1.5%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 452 TGCCTTCCAGGAG 465
Db 2 TGTCTCCAGGAG 15

RESULT 366
US-08-291-932A-259/c
; Sequence 259, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 259:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-259

Query Match 1.5%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 3.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 245 GCTCTGAAGGACT 258
Db 14 GCTCTGAAGGACT 1

Db 15 GCTCTTGAAGGTCT 2

RESULT 367

US-08-291-932A-260/c

Sequence 260, Application US/08291932A

Patent No. 5658780

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth G.

APPLICANT: McSwiggan, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: NF-KB

NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/291,932A

FILING DATE: August 15, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 260:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-291-932A-260

Query Match 1.5%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 3.3e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 245 GCTCTTGAAGGTCT 258

Db 14 GCCTTGAAGGTCT 1

RESULT 368

US-08-343-998-24

Sequence 24, Application US/08343998A

Patent No. 6020123

GENERAL INFORMATION:

APPLICANT: Sonigo, Pierre

APPLICANT: Brechot, Christian

APPLICANT: Courgnard, Valerie

TITLE OF INVENTION: OLIGONUCLEOTIDE SEQUENCES FOR THE AMPLIFICATION OF THE

TITLE OF INVENTION: GENOME OF THE RETROVIRUSES OF THE HIV-2 AND SIV TYPE

TITLE OF INVENTION: AND THEIR USES FOR IN VITRO DIAGNOSIS OF THE INFECTIONS

TITLE OF INVENTION: DUE TO THESE VIRUSES

FILE REFERENCE: 2356.0065-01

CURRENT APPLICATION NUMBER: US/08/343,998A

CURRENT FILING DATE: 1994-11-18

EARLIER APPLICATION NUMBER: 07/820,600

EARLIER FILING DATE: 1992-01-22

EARLIER APPLICATION NUMBER: PCT/FR90/00394

EARLIER FILING DATE: 1990-06-05

NUMBER OF SEQ ID NOS: 25

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 24

LENGTH: 15

TYPE: DNA

ORGANISM: Simian immunodeficiency virus

FEATURE:

US-08-343-998-24

Query Match 1.5%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 3.3e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 759 GAGATGGCAGAACT 772

Db 2 GAGGTGGCAGAACT 15

RESULT 369

US-08-487-141B-31

Sequence 31, Application US/08487141B

Patent No. 5683987

GENERAL INFORMATION:

APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides

TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes

NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103-2307

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,141B

FILING DATE: 07-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/379,180

FILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Hagan, Patrick J.

REGISTRATION NUMBER: 27,643

REFERENCE/DOCKET NUMBER: 63082C

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 563-4100

TELEFAX: (215) 563-4044

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: not relevant

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

```

; ANTI-SENSE: YES
US-08-487-141B-31
Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 875 CTCATTGAGGTCC 888
Db 1 CTCATTGCGTCC 14

RESULT 370
US-08-927-561-31
; Sequence 31, Application US/08927561
; Patent No. 5874567
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,561
; FILING DATE: 08-SEPT-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/487,141
; FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Riggaut, Kathleen D.
; REGISTRATION NUMBER: P43,047
; REFERENCE/DOCKET NUMBER: 63082C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-927-561-31
Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 875 CTCATTGAGGTCC 888
Db 1 CTCATTGCGTCC 14

RESULT 371
US-08-459-434-8/c
; Sequence 8, Application US/08459434
; Patent No. 5969116
; GENERAL INFORMATION:
; APPLICANT: Martin, Pierre
; TITLE OF INVENTION: Nucleosides and oligonucleotides having
; 2'-ether groups
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5969116artis Corporation
; STREET: 59 Route 10
; CITY: East Hanover
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07936-1080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,434
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 1467/93-4
; FILING DATE: 12-MAY-1993
; PRIOR APPLICATION NUMBER: US 08/241,213
; FILING DATE: 10-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 277-3318
; TELEFAX: (908) 277-4306
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic oligonucleotide
; comprising a modified sugar"
US-08-459-434-8
Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 375 CTGGCGTCTGCT 388
Db 15 CTGGCTTCTGCT 2

RESULT 372
US-09-509-565-26/c
; Sequence 26, Application US/09509565
; Patent No. 6399340
; GENERAL INFORMATION:
; APPLICANT: SAITO, YOSHIMASA
; APPLICANT: NOGUCHI, YUJI
; APPLICANT: YOSHIKAWA, KOJI
; APPLICANT: SOEDA, SHINSUKE
; TITLE OF INVENTION: PLASMID VECTORS
; FILE REFERENCE: 0018-1105-0PCT
; CURRENT APPLICATION NUMBER: US/09/509,565
; CURRENT FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: PCT/JP9804611
; PRIOR FILING DATE: 1998-10-13
; PRIOR APPLICATION NUMBER: JP9/303395
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 16

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-509-565-26

Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 209 TTCCAGCCCTCTC 222
Db 14 TTCCAGCCCTCTC 1

RESULT 373
US-09-371-772B-5947/c
; Sequence 5947, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Scinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5947
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5947

Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 579 CCTCAGTGTCTTA 592
Db 16 CCTCAGTGTCTTA 3

RESULT 374
US-09-371-772B-5948/c
; Sequence 5948, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Scinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 5948
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5948

Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 579 CCTCAGTGTCTTA 592
Db 14 CCTCAGTGTCTTA 1

RESULT 375
PCT-US96-09388-31
; Sequence 31, Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Reed, Janet E.
; REGISTRATION NUMBER: 36,252
; REFERENCE/DOCKET NUMBER: 63082C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)563-4100
; TELEFAX: (215)563-4044
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
PCT-US96-09388-31

Query Match 1.5%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 3.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCCATTGCGGTCC 888
Db 1 CTCCATTGCGGTCC 14

RESULT 376
US-08-050-073-71
; Sequence 71, Application US/08050073
; Patent No. 5567809

GENERAL INFORMATION:
 APPLICANT: Apple, Raymond J.
 APPLICANT: Begovich, Ann B.
 APPLICANT: Bugawan, Teodorica L.
 APPLICANT: Erlich, Henry A.
 APPLICANT: Griffith, Robert L.
 APPLICANT: Scharf, Stephen J.
 TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
 TITLE OF INVENTION: Typing
 NUMBER OF SEQUENCES: 315
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hoffmann-La Roche Inc.
 STREET: 340 Kingsland Street
 CITY: Nutley
 STATE: New Jersey
 COUNTRY: U.S.A.
 ZIP: 07110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/050,073
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Petry, Douglas A.
 REGISTRATION NUMBER: 35,321
 REFERENCE/DOCKET NUMBER: 8769
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 814-2974
 TELEFAX: (510) 814-2977
 INFORMATION FOR SEQ ID NO: 71:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA
 US-08-050-073-71

Query Match 1.5%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCAGGAG 465
 |||||
 Db 3 TGTCTTCAGGAG 16

RESULT 377
 US-08-050-073-205/c
 Sequence 205, Application US/08050073
 Patent No. 5567809
 GENERAL INFORMATION:
 APPLICANT: Apple, Raymond J.
 APPLICANT: Begovich, Ann B.
 APPLICANT: Bugawan, Teodorica L.
 APPLICANT: Erlich, Henry A.
 APPLICANT: Griffith, Robert L.
 APPLICANT: Scharf, Stephen J.
 TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
 TITLE OF INVENTION: Typing
 NUMBER OF SEQUENCES: 315
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hoffmann-La Roche Inc.
 STREET: 340 Kingsland Street
 CITY: Nutley
 STATE: New Jersey
 COUNTRY: U.S.A.
 ZIP: 07110
 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/050,073
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Petry, Douglas A.
 REGISTRATION NUMBER: 35,321
 REFERENCE/DOCKET NUMBER: 8769
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 814-2974
 TELEFAX: (510) 814-2977
 INFORMATION FOR SEQ ID NO: 205:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA
 US-08-050-073-205

Query Match 1.5%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCAGGAG 465
 |||||
 Db 15 TGTCTTCAGGAG 2

RESULT 378
 US-08-050-073-305/c
 Sequence 305, Application US/08050073
 Patent No. 5567809
 GENERAL INFORMATION:
 APPLICANT: Apple, Raymond J.
 APPLICANT: Begovich, Ann B.
 APPLICANT: Bugawan, Teodorica L.
 APPLICANT: Erlich, Henry A.
 APPLICANT: Griffith, Robert L.
 APPLICANT: Scharf, Stephen J.
 TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
 TITLE OF INVENTION: Typing
 NUMBER OF SEQUENCES: 315
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hoffmann-La Roche Inc.
 STREET: 340 Kingsland Street
 CITY: Nutley
 STATE: New Jersey
 COUNTRY: U.S.A.
 ZIP: 07110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/050,073
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Petry, Douglas A.
 REGISTRATION NUMBER: 35,321
 REFERENCE/DOCKET NUMBER: 8769
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 814-2974
 TELEFAX: (510) 814-2977
 INFORMATION FOR SEQ ID NO: 305:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs


```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
US-08-050-073-305

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCTTCCAGGAAG 465
Db 15 TGCTTCCAGGAAG 2

RESULT 379
US-08-379-078-471/c
; Sequence 471, Application US/08379078
; Patent No. 5639612
; GENERAL INFORMATION:
; APPLICANT: Mitsuhashi, Masato
; APPLICANT: Cooper, Allan
; TITLE OF INVENTION: Gene Detection System
; NUMBER OF SEQUENCES: 726
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KNOBEE, MARTENS, OLSON AND BEAR
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,078
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/974,406
; FILING DATE: 12-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.011CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 471:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-379-078-471

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 411 CAGCAGGCTCTCGG 424
Db 17 CAGCAGGCTCGCG 4

RESULT 380
US-08-985-162-415/c
; Sequence 415, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 415:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-415

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 813 CCTGGTACTGTGGG 826
Db 14 CCTGGTACTGTGGG 1

RESULT 381
US-08-998-099-44
; Sequence 44, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
```

EARLIER APPLICATION NUMBER: 08/245,466
 EARLIER FILING DATE: 1994-05-18
 NUMBER OF SEQ ID NOS: 375
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 44
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-08-998-099-44

Query Match 1.5%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 78.8%; Pred. No. 4.1e+02;
 Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 615 GCCATCTCAACCAG 628
 |||||:|||||
 Db 4 GCCAUCUGGACCAG 17

RESULT 382

US-08-998-099-45

Sequence 45, Application US/08998099A

Patent No. 6103890

GENERAL INFORMATION:

APPLICANT: JARVIS, THALE

APPLICANT: MCSWIGEN, JAMES A.

APPLICANT: STINCHCOMB, DAN T.

TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT OF DISEASES

FILE REFERENCE: 231/175

CURRENT APPLICATION NUMBER: US/08/998,099A

CURRENT FILING DATE: 1997-12-24

EARLIER APPLICATION NUMBER: 60/037,658

EARLIER FILING DATE: 1997-01-23

EARLIER APPLICATION NUMBER: 08/373,124

EARLIER FILING DATE: 1995-01-13

EARLIER APPLICATION NUMBER: 08/245,466

EARLIER FILING DATE: 1994-05-18

NUMBER OF SEQ ID NOS: 375

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 45

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-08-998-099-45

Query Match 1.5%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 78.6%; Pred. No. 4.1e+02;
 Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 615 GCCATCTCAACCAG 628
 |||||:|||||
 Db 2 GCCAUCUGGACCAG 15

RESULT 383

US-09-021-701-108

Sequence 108, Application US/09021701

Patent No. 6251588

GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

APPLICANT: Wolber, Paul K.

APPLICANT: Delenstarr, Glenda C.

APPLICANT: Webb, Peter G.

APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide

TITLE OF INVENTION: probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESS: Records Manager, Legal Department, Hewlett-Packard Company M/S 20

STREET: 3000 Hancock Street

CITY: Palo Alto

STATE: CA

COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/021,701
 FILING DATE: 10-FEB-1998
 CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 108:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-09-021-701-108

Query Match 1.5%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 146
 |||||:|||||
 Db 4 TGTCTGTTTGGGG 17

RESULT 384

US-07-974-409C-84/c

Sequence 84, Application US/07974409C

Patent No. 6300058

GENERAL INFORMATION:

APPLICANT: Akitaya, Tatsuo

APPLICANT: Mitsuhashi, Masato

APPLICANT: Cooper, Allan

TITLE OF INVENTION: METHOD AND REAGENT

TITLE OF INVENTION: FOR MEASURING MESSENGER RNA

NUMBER OF SEQUENCES: 457

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson, and Bear

STREET: 620 Newport Center Dr. Sixteenth Floor

CITY: Newport Beach

STATE: CA

COUNTRY: USA

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/974,409C

FILING DATE: 12-NOV-1992

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E.

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: HITACHI.006CP2

TELECOMMUNICATION INFORMATION:

TELEPHONE: 714-760-0404

TELEFAX: 714-760-9502

INFORMATION FOR SEQ ID NO: 84:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-07-974-409C-84

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. NO. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 411 CACGAGGCTCTCG 424
   |||||
DB 17 CACGAGGCTCGCG 4

RESULT 385
US-09-474-432B-377
; Sequence 377, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MEH800-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-377

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.8%; Pred. NO. 4.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 423 CGGCTGCCCCCTCG 436
   |||
DB 4 CGUCUGCCCCCGC 17

RESULT 386
US-09-474-432B-468/c
; Sequence 468, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David

```

US-09-474-432B-628/c
; Sequence 628, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 628
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-628

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 670 TGAAGCTCACAGAT 683
Db 14 TGCAGCTCACAGAT 1

RESULT 389
US-09-474-432B-667/c
; Sequence 667, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 667
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-667

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 670 TGAAGCTCACAGAT 683
Db 14 TGCAGCTCACAGAT 1

RESULT 389
US-09-474-432B-667/c
; Sequence 667, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 667
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-667

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 413 GCAGGCTCTCCGC 426
Db 14 GCAGGCTCTCCGC 1

RESULT 390
US-09-371-772B-5148/c
; Sequence 5148, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5148
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5148

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 579 CCTCAGGTGCTTA 592
Db 16 CCTCAGGTGCTTA 3

RESULT 391
US-09-476-387-376
; Sequence 376, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into oligonucleoti
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 376
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-376

Query Match          1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 4.1e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 423 CGGGTGCCTGC 436
DB 4 CGGUCGCCCCG 17

RESULT 392
US-09-476-387-467/c
; Sequence 467, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 467
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-467

Query Match          1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 143 GGGGGTGCAGTC 156
DB 17 GGGGGTGCAGTC 4

RESULT 393
US-09-476-387-502/c
; Sequence 502, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
```

```
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 502
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-502

Query Match          1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 GAAGCTCACAGATG 684
DB 17 GCAGCTCACAGATG 4

RESULT 394
US-09-476-387-627/c
; Sequence 627, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 627
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-627

Query Match          1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 670 TGAAGCTCACAGAT 683
DB 14 TGCAGCTCACAGAT 1

RESULT 395
```

US-09-476-387-666/c
 ; Sequence 666, Application US/09476387
 ; Patent No. 6617438
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Beigelman, Leo
 ; APPLICANT: Beaudry, Amber
 ; APPLICANT: Karpeisky, Alex
 ; APPLICANT: Adamic, Jasenka Matulic
 ; APPLICANT: Sweedler, Dave
 ; APPLICANT: Zinnen, Shawn
 ; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
 ; FILE REFERENCE: MBH900-831-C (249/073)
 ; CURRENT APPLICATION NUMBER: US/09/476,387
 ; CURRENT FILING DATE: 2001-04-04
 ; PRIOR APPLICATION NUMBER: 09/474,432
 ; PRIOR FILING DATE: 1999-12-29
 ; PRIOR APPLICATION NUMBER: 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; PRIOR APPLICATION NUMBER: 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: 60/083,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; NUMBER OF SEQ ID NOS: 1524
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 666
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-476-387-666

Query Match 1.5%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGC 426
 DB 14 GCAGGCTCTCCGC 1

RESULT 396
 US-09-401-063-415/c
 ; Sequence 415, Application US/09401063
 ; Patent No. 6623962
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwigen, James
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASE OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 ; TITLE OF INVENTION: FACTOR RECEPTORS
 ; NUMBER OF SEQUENCES: 1877
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: Storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq for Windows 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/401,063
 ; FILING DATE:
 ; CLASSIFICATION:

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/985,162
 ; FILING DATE: 04 December 1997
 ; APPLICATION NUMBER: 60/036,476
 ; FILING DATE: 31 January 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Watburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 230/107
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 415:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-401-063-415

Query Match 1.5%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 813 CCTGGTACTGTGGG 826
 DB 14 CCTGGTACTGTGGG 1

RESULT 397
 US-09-866-108A-7667
 ; Sequence 7667, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AROMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aromica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 7667
 ; LENGTH: 17
 ; TYPE: DNA

```
; ORGANISM: Homo sapiens
US-09-866-108A-7667

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      768  GAACGTGGAGAGAA 781
DB      4  GAGCTGGAGAGAA 17

RESULT 398
US-09-866-108A-7671
; Sequence 7671, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7671
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7792

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      825  GGTGCTGAAGCTGG 838
DB      17  GCTGCTGAAGCTGG 4

RESULT 400
US-09-866-108A-7793/c
; Sequence 7793, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
```

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; ORGANISM: Homo sapiens
US-09-866-108A-7667

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      768  GAACGTGGAGAGAA 781
DB      4  GAGCTGGAGAGAA 17

RESULT 399
US-09-866-108A-7792/c
; Sequence 7792, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7793
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7793

```

```

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 825 GGTGCTGAAGCTGG 838
DB 16 GCTGCTGAAGCTGG 3

```

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RESULT 401
US-09-866-108A-7794/c
; Sequence 7794, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7794
; LENGTH: 17

```

```

; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7794

```

```

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 825 GGTGCTGAAGCTGG 838
DB 15 GCTGCTGAAGCTGG 2

```

```

RESULT 402
US-09-866-108A-7795/c
; Sequence 7795, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7795
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7795

```

```

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 825 GGTGCTGAAGCTGG 838
DB 14 GCTGCTGAAGCTGG 1

```

```

RESULT 403
US-09-866-108A-8103/c
; Sequence 8103, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:

```


/ APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharron G.
 / APPLICANT: HANZEL, David K.
 / APPLICANT: RANK, David R.
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / FILE REFERENCE: AEMICA-7
 / CURRENT APPLICATION NUMBER: US/09/866,108A
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: US 60/207,456
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: GB 24263.6
 / PRIOR FILING DATE: 2000-10-04
 / PRIOR APPLICATION NUMBER: US 60/236,359
 / PRIOR FILING DATE: 2000-09-27
 / PRIOR APPLICATION NUMBER: PCT/US01/00666
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00667
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00664
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00669
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00665
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00668
 / PRIOR FILING DATE: 2001-01-30
 / PRIOR APPLICATION NUMBER: PCT/US01/00663
 / PRIOR FILING DATE: 2001-01-30
 / Remaining Prior Application data removed - See File Wrapper or PALM.
 / NUMBER OF SEQ ID NOS: 15755
 / SOFTWARE: Aemica Sequence Listing Engine
 / Patent No. 6686188
 / SEQ ID NO 8103
 / LENGTH: 17
 / TYPE: DNA
 / ORGANISM: Homo sapiens
 / US-09-866-108A-8103

Query Match 1.5%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 4.1e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps

QY 797 GCAGGACTGACTGA 810
 DB 17 GCAGGACTGACGGA 4
 |||||
 |||||

RESULT 404
 US-09-866-108A-8104/c
 / Sequence 8104, Application US/09866108A
 / Patent No. 6686188
 / GENERAL INFORMATION:
 / APPLICANT: GU, Yizhong
 / APPLICANT: JI, Yonggang
 / APPLICANT: PENN, Sharron G.
 / APPLICANT: HANZEL, David K.
 / APPLICANT: RANK, David R.
 / APPLICANT: CHEN, Wensheng
 / APPLICANT: SHANNON, Mark
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 / FILE REFERENCE: AEMICA-7
 / CURRENT APPLICATION NUMBER: US/09/866,108A
 / CURRENT FILING DATE: 2001-05-25
 / PRIOR APPLICATION NUMBER: US 60/207,456
 / PRIOR FILING DATE: 2000-05-26
 / PRIOR APPLICATION NUMBER: GB 24263.6
 / PRIOR FILING DATE: 2000-10-04
 / PRIOR APPLICATION NUMBER: US 60/236,359
 / PRIOR FILING DATE: 2000-09-27
 / PRIOR APPLICATION NUMBER: PCT/US01/00666

```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8105

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 797 GCAGGACTGACTGA 810
Db 15 GCAGGACTGACGGA 2

RESULT 406
US-09-866-108A-8106/c
; Sequence 8106 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8385
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8385

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 401 CACCCTGCTCCAGC 414
Db 15 CACTCTGCTCCAGC 2

RESULT 408
US-09-866-108A-8386/c
; Sequence 8386 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8106
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8106

Query Match      1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 797 GCAGGACTGACTGA 810
Db 14 GCAGGACTGACGGA 1

RESULT 407
US-09-866-108A-8385/c
; Sequence 8385 Application US/09866108A
; Patent No. 6686188

```

Prior Application Number: PCT/US01/006666
Prior Filing Date: 2001-01-30
Prior Application Number: PCT/US01/006667
Prior Filing Date: 2001-01-30
Prior Application Number: PCT/US01/006664
Prior Filing Date: 2001-01-30
Prior Application Number: PCT/US01/006669
Prior Filing Date: 2001-01-30
Prior Application Number: PCT/US01/006665
Prior Filing Date: 2001-01-30
Prior Application Number: PCT/US01/006668
Prior Filing Date: 2001-01-30
Prior Application Number: PCT/US01/006663
Prior Filing Date: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
Number of Seq ID NOS: 15755
Software: Aemica Sequence Listing Engine
Patent No. 6686188
Seq ID No 8386
Length: 17
Type: DNA
Organism: Homo sapiens
US-09-866-108A-8386

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGC 414
DB 14 CACTGCTCCAGC 1

RESULT 409
PCT-US93-00977-84/c
Sequence 84, Application PC/TUS9300977
GENERAL INFORMATION:
TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
NUMBER OF SEQUENCES: 711
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson, and Bear
STREET: 620 Newport Center Dr. Sixteenth Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/00977
FILING DATE: 19930129
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: HITACHI.006H
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEFAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: NUCLEIC ACID
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US93-00977-84

Query Match 1.5%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 411 CAGCAGGCTCTCCG 424
DB 17 CAGCAGGCTCTCCG 4

RESULT 410
US-08-050-073-100
Sequence 100, Application US/08050073
Patent No. 5567809
GENERAL INFORMATION:
APPLICANT: Apple, Raymond J.
APPLICANT: Begovich, Ann B.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Erlich, Henry A.
APPLICANT: Griffith, Robert L.
APPLICANT: Scharf, Stephen J.
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
TITLE OF INVENTION: Typing
NUMBER OF SEQUENCES: 315
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,073
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 100:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
US-08-050-073-100

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCCAGGAAG 465
DB 4 TGTCTTCCAGGAAG 17

RESULT 411
US-08-143-219-2/c
Sequence 2, Application US/08143219
Patent No. 5670330
GENERAL INFORMATION:
APPLICANT: Sonenberg, Nahum
APPLICANT: Katze, Michael G.
APPLICANT: Roy, Sophie
APPLICANT: Koromilas, Antonis E.

APPLICANT: Barber, Glen N.
TITLE OF INVENTION: TUMOR-CELL ASSAY METHOD AND KIT
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: PC-DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/143,219
FILING DATE: October 25, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/141,244
FILING DATE: October 22, 1993
APPLICATION NUMBER: 07/953,681
FILING DATE: September 29, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Douglas E. Olson
REGISTRATION NUMBER: 22,798
REFERENCE/DOCKET NUMBER: 204/139
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: F1 PRIMER, FIGURE 5
US-08-143-219-2

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 760 AGATGGCAGACTG 773
Db 14 AGATGGCAGACTG 1

RESULT 412
US-08-363-585-86/c
Sequence 86, Application US/08363585
Patent No. 5683872
GENERAL INFORMATION:
APPLICANT: Rudert, William A.
APPLICANT: Trucco, Massimo
TITLE OF INVENTION: Polymers of Oligonucleotide Probes
TITLE OF INVENTION: As The Bound Ligands For Use In Reverse
TITLE OF INVENTION: Dot Blots
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: University of Pittsburgh
STREET: Office of Intellectual Property
STREET: 911 William Pitt Union
CITY: Pittsburgh
STATE: Pennsylvania
COUNTRY: USA

ZIP: 15260
COMPUTER READABLE FORM:
MEDIUM TYPE: 5-1/4" low density diskette
COMPUTER: IBM PC or compatibles
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,585
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/786,228
FILING DATE: 31-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frederick H. Colen; Mary-Elizabeth Buckles
REGISTRATION NUMBER: 28,061; 31,907
REFERENCE/DOCKET NUMBER: 92-232
TELECOMMUNICATION INFORMATION:
TELEPHONE: 412/288-4164
TELEFAX: 412/288-3063
TELEX: 277871
INFORMATION FOR SEQ ID NO: 86:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
PUBLICATION INFORMATION:
AUTHORS: Kimura, A.
AUTHORS: Sasazuki, T.
TITLE: Eleventh International Histocompatibility
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing
TITLE: Technique
JOURNAL: HLA 1991
VOLUME: 1
PAGES: 397-419
DATE: 1992
RELEVANT RESIDUES IN SEQ ID NO: 86: 1 to 18
US-08-363-585-86

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTCCAGGAG 465
Db 16 TGCCTCCAGGAG 3

RESULT 413
US-08-487-141B-29
Sequence 29, Application US/08487141B
Patent No. 5683987
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,141B

```
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/379,180
/ FILING DATE: 12-JUL-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Hagan, Patrick J.
/ REGISTRATION NUMBER: 27,643
/ REFERENCE/DOCKET NUMBER: 63082C
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215)563-4100
/ TELEFAX: (215)563-4044
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: not relevant
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
US-08-487-141B-29

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888
DB 3 CTCATTGCGTCC 16

RESULT 414
US-08-487-141B-30
/ Sequence 30, Application US/08487141B
/ Patent No. 5683987
/ GENERAL INFORMATION:
/ APPLICANT: Smith, Larry J.
/ TITLE OF INVENTION: Therapeutic Oligonucleotides
/ NUMBER OF SEQUENCES: 114
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dann, Dorfman, Herrell and Skillman
/ STREET: 1601 Market Street Suite 720
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103-2307
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ FILING DATE: 07-JUN-1995
/ CLASSIFICATION: 536
/ PRIOR APPLICATION NUMBER: US 08/379,180
/ FILING DATE: 12-JUL-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Hagan, Patrick J.
/ REGISTRATION NUMBER: 27,643
/ REFERENCE/DOCKET NUMBER: 63082C
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215)563-4100
/ TELEFAX: (215)563-4044
/ INFORMATION FOR SEQ ID NO: 30:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: not relevant

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888
DB 5 CTCATTGCGTCC 18

RESULT 416
US-08-323-910-5/c
/ Sequence 5, Application US/08323910
/ Patent No. 5686577
```

```

; GENERAL INFORMATION:
; APPLICANT: Weksler Dr., Marc E.
; APPLICANT: Szabo Dr., Paul
; TITLE OF INVENTION: T CELL FACTORS INFLUENCING B CELL
; TITLE OF INVENTION: DEVELOPMENT
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,910
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/380 (D-1548)
; TELEPHONE: 716-263-1304
; TELEFAX: 716-263-1600
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-323-910-5

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Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 211 CCCAGCCCTCTCCA 224
Db 17 CCCAGCCCTCTCCA 4

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RESULT 417
US-08-311-486C-1082
; Sequence 1082, Application US/08311486C
; Patent No. 581300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF- $\alpha$ 
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

```

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1082:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-1082

```

```

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 4.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 211 CCCAGCCCTCTCCA 224
Db 4 CCCAGCCCTCTCCA 17

```

```

RESULT 418
US-08-578-590-16
; Sequence 16, Application US/08578590
; Patent No. 5817499
; GENERAL INFORMATION:
; APPLICANT: Dalboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; TITLE OF INVENTION: DNA ENCODING AN ENZYME WITH ENDOGLUCANASE
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5817499 No. 5817499disk of No. 5817499th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,590
; FILING DATE: 03-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4015.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123

```

TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 16;
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-578-590-16

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCGGCTGCC 430
DB 4 GCTCTCGGCTGCC 17

RESULT 419
US-08-488-811-4/c
Sequence 4, Application US/0848811

PATENT NO. 5849587
GENERAL INFORMATION:
APPLICANT: Hanauske-Abel, Hartmut M.
APPLICANT: Grady, Robert W.
APPLICANT: Hanauske, Axel
APPLICANT: Andrus, Linda
APPLICANT: Szabo, Paul

TITLE OF INVENTION: METHOD OF INHIBITING VIRAL REPLICATION
TITLE OF INVENTION: IN EUKARYOTIC CELLS AND OF INDUCING APOPTOSIS OF
TITLE OF INVENTION: VIRALLY-INFECTED CELLS
NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester

STATE: New York
COUNTRY: U.S.A.
ZIP: 14603

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,811
FILING DATE:

CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:

NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727

REFERENCE/DOCKET NUMBER: 19603/730
TELECOMMUNICATION INFORMATION:

TELEPHONE: 716-263-1304
TELEFAX: 716-263-1600

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-08-488-811-4

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCA 224
DB 17 CCCAGCCCTCTCCA 4

RESULT 420

US-08-927-561-29
Sequence 29, Application US/08927561

PATENT NO. 5874567
GENERAL INFORMATION:

APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides

TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
NUMBER OF SEQUENCES: 114

CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman

STREET: 1601 Market Street Suite 720
CITY: Philadelphia

STATE: PA
COUNTRY: USA
ZIP: 19103-2307

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997

CLASSIFICATION: 536
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995

ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.

REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 6308201

TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100

TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO
ANTI-SENSE: YES

US-08-927-561-29

Query Match

1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGTCC 888

DB 3 CTCATTGAGTCC 16

RESULT 421

US-08-927-561-30

Sequence 30, Application US/08927561
Patent No. 5874567

GENERAL INFORMATION:
APPLICANT: Smith, Larry J.

TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes

NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:

ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720

CITY: Philadelphia
STATE: PA
COUNTRY: USA

ZIP: 19103-2307
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-30

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888
Db 1 CTCATTGCGTCC 14

RESULT 422
US-08-927-561-33
Sequence 33, Application US/08927561
Patent No. 5874567
GENERAL INFORMATION:
APPLICANT: Smith, Larry J.
TITLE OF INVENTION: Therapeutic Oligonucleotides
TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
NUMBER OF SEQUENCES: 114
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,561
FILING DATE: 08-SEPT-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/487,141
FILING DATE: 05-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Rigaut, Kathleen D.
REGISTRATION NUMBER: P43,047
REFERENCE/DOCKET NUMBER: 63082C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215)563-4100
TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-927-561-33

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888
Db 5 CTCATTGCGTCC 18

RESULT 423
US-09-339-775-46/c
Sequence 46, Application US/09339775
Patent No. 6063626
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I3 EXPRESSION
FILE REFERENCE: RTS-0069
CURRENT APPLICATION NUMBER: US/09/339,775
CURRENT FILING DATE: 1999-06-24
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 46
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-775-46

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 880 TTGAGGTCTGTCAT 893
Db 14 TTGAGGTCTGTCAT 1

RESULT 424
US-09-474-922A-43/c
Sequence 43, Application US/09474922A
Patent No. 6187586
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
APPLICANT: Richard A. Roth
TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
FILE REFERENCE: RTS-0036
CURRENT APPLICATION NUMBER: US/09/474,922A
CURRENT FILING DATE: 1999-12-29
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 43
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-43

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 314 GAAGACTGCAGAG 327
Db 16 GACAGACTGCAGAG 3

RESULT 425

US-09-578-324-3/c
; Sequence 3, Application US/09578324
; Patent No. 6331642
; GENERAL INFORMATION:
; APPLICANT: Batcho, Andrew
; APPLICANT: Hennessy, Bernard
; APPLICANT: Uskokovic, Milan
; TITLE OF INVENTION: 5,6-trans-16-ene-vitamin D3
; FILE REFERENCE: uskokovic d3 analogs 1092P
; CURRENT APPLICATION NUMBER: US/09/578,324
; CURRENT FILING DATE: 2000-05-24
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: GAPDH (sense)
US-09-578-324-3

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCA 224
Db 17 CCCAGCCCTCTCCA 4

RESULT 426

US-08-584-040-8297/c
; Sequence 8297, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8297:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-8297

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 367 AAGAGCGTCTGGCC 380
Db 16 AAGAGCGTCTGGCC 3

RESULT 427

US-09-270-140A-14
; Sequence 14, Application US/09270140A
; Patent No. 6361941
; GENERAL INFORMATION:
; APPLICANT: Todd, Alison
; APPLICANT: Fuery, Caroline
; APPLICANT: Cairns, Murray
; TITLE OF INVENTION: Catalytic Nucleic Acid base Diagnostic Methods
; FILE REFERENCE: J&J1799
; CURRENT APPLICATION NUMBER: US/09/270,140A
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 60/079,651
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: mutant RNA at
; OTHER INFORMATION: position 2 - mutant (A to C, G or U)
US-09-270-140A-14

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 71.4%; Pred. No. 4.6e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 382 TCCTGCTGGCGGC 395
Db 2 UCCUGUGGCCGC 15

RESULT 428

US-09-504-358-39/c
; Sequence 39, Application US/09504358
; Patent No. 6365376
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; APPLICANT: Brzostowicz, Patricia C.
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
; FILE REFERENCE: BC1001 US NA
; CURRENT APPLICATION NUMBER: US/09/504,358
; CURRENT FILING DATE: 2000-02-15
; EARLIER APPLICATION NUMBER: 60/120,702
; EARLIER FILING DATE: 1999-February-19
; NUMBER OF SEQ ID NOS: 49

SOFTWARE: Microsoft Office 97
SEQ ID NO 39
TYPE: DNA
LENGTH: 18
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-504-358-39

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 335 GGAGCAACTTGGTG 348
Db 18 GGAGCAACTTGGTG 5

RESULT 429

US-09-000-286A-23
Sequence 23, Application US/09000286A
Patent No. 6449562

GENERAL INFORMATION:
APPLICANT: Luminex Corporation

APPLICANT: Chandler, Van S.

APPLICANT: Fulton, Jerrold R.

APPLICANT: Chandler, Mark B.

TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method

FILE REFERENCE: 112802.500

CURRENT APPLICATION NUMBER: US/09/000,286A

CURRENT FILING DATE: 1998-08-18

PRIOR APPLICATION NUMBER: PCT/US96/16198

PRIOR FILING DATE: 1996-10-10

NUMBER OF SEQ ID NOS: 34

SOFTWARE: PatentIn version 3.1

SEQ ID NO 23

LENGTH: 18

TYPE: DNA

ORGANISM: Homo sapiens

US-09-000-286A-23

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 769 AACTGGAGAGAGAG 782
Db 1 AACTGGAGAGAGAG 14

RESULT 430

US-09-000-286A-24/c

Sequence 24, Application US/09000286A

Patent No. 6449562

GENERAL INFORMATION:

APPLICANT: Luminex Corporation

APPLICANT: Chandler, Van S.

APPLICANT: Fulton, Jerrold R.

APPLICANT: Chandler, Mark B.

TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method

FILE REFERENCE: 112802.500

CURRENT APPLICATION NUMBER: US/09/000,286A

CURRENT FILING DATE: 1998-08-18

PRIOR APPLICATION NUMBER: PCT/US96/16198

PRIOR FILING DATE: 1996-10-10

NUMBER OF SEQ ID NOS: 34

SOFTWARE: PatentIn version 3.1

SEQ ID NO 24

LENGTH: 18

TYPE: DNA

ORGANISM: Homo sapiens

US-09-000-286A-24

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 769 AACTGGAGAGAG 782
Db 18 AACTGGAGAGAG 5

RESULT 431

US-09-485-077A-4/c

Sequence 4, Application US/09485077A

Patent No. 6458590

GENERAL INFORMATION:

APPLICANT: Mukherjee, Anil

APPLICANT: Kundu, Gopal

APPLICANT: Panda, Dibyendu

TITLE OF INVENTION: Methods and Compositions for Treatment of Restenosis

FILE REFERENCE: NIH-05047

CURRENT APPLICATION NUMBER: US/09/485,077A

CURRENT FILING DATE: 2000-06-23

PRIOR APPLICATION NUMBER: PCT/US98/16569

PRIOR FILING DATE: 1998-07-08

PRIOR APPLICATION NUMBER: 60/054,967

PRIOR FILING DATE: 1997-07-08

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn version 3.0

SEQ ID NO 4

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: Synthetic

OTHER INFORMATION:

US-09-485-077A-4

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCAGCCCTCTCCA 224
Db 17 CCAGCCCTCTCCA 4

RESULT 432

US-09-954-314-39/c

Sequence 39, Application US/09954314

Patent No. 6465224

GENERAL INFORMATION:

APPLICANT: Rouviere, Pierre E.

APPLICANT: Brzostowicz, Patricia C.

TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES

FILE REFERENCE: BC1001 US NA

CURRENT APPLICATION NUMBER: US/09/954,314

CURRENT FILING DATE: 2001-09-17

PRIOR APPLICATION NUMBER: 60/120,702

PRIOR FILING DATE: 1999-February-19

NUMBER OF SEQ ID NOS: 49

SOFTWARE: Microsoft Office 97

SEQ ID NO 39

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: primer

US-09-954-314-39

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 335 GGAGCAACTTGGTG 348
Db 18 GGAGCAACTTGGTG 5

Db 18 GGAGGAACCTGGTG 5

RESULT 433

US-09-422-978-4546/c
; Sequence 4546, Application US/09422978
; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 4546

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-15748 for SEQ 612,

US-09-422-978-4546

Query Match

Best Local Similarity 1.5%; Score 12.4; DB 1; Length 18;

Mismatches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 802 ACTGACTGAACCT 815

Db 17 ACTGACTGAATCT 4

RESULT 434

US-09-422-978-5382

; Sequence 5382, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5382

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-24554 for SEQ 1448,

US-09-422-978-5382

Query Match

Best Local Similarity 1.5%; Score 12.4; DB 1; Length 18;

Mismatches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 339 CCACTTGGTGCCAG 352

Db 1 CAAGTTGGTGCCAG 14

RESULT 435

US-09-422-978-5600/c

; Sequence 5600, Application US/09422978

; Patent No. 6537751

; GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/09/422,978

; CURRENT FILING DATE: 1999-10-20

; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21

; EARLIER APPLICATION NUMBER: US 60/109,732

; EARLIER FILING DATE: 1998-11-23

; EARLIER APPLICATION NUMBER: US 60/082,614

; EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 5600

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..18

; OTHER INFORMATION: upstream amplification primer 99-5475 for SEQ 1666,

US-09-422-978-5600

Query Match

Best Local Similarity 1.5%; Score 12.4; DB 1; Length 18;

Mismatches 0; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 246 CTCTGAAGGACTT 259

Db 18 CTCTGAAGGCTT 5

RESULT 436

US-08-780-562-29

; Sequence 29, Application US/08780562

; Patent No. 6541604

; GENERAL INFORMATION:

; APPLICANT: Matthews, William

; APPLICANT: Bennett, Brian

; TITLE OF INVENTION: WSX RECEPTOR

; NUMBER OF SEQUENCES: 45

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Winpatin (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/780,562

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/595005

; FILING DATE: 01/08/97

; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 60/
; FILING DATE: 01/08/97
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986R1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1394
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-08-780-562-29

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 AGCTTAAGCCGAGA 451
DB 2 AGCTTAAGCCGAGA 15

RESULT 437
US-09-371-772B-3955/c
; Sequence 3955, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3955
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
; US-09-371-772B-3955

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 367 AAGAGCGTCGCCC 380
DB 16 AAGAGAGTCGCCC 3

RESULT 438
PCT-US96-08743A-4/c
; Sequence 4, Application PC/TUS9608743A
; GENERAL INFORMATION:
; APPLICANT: Cornell Research Foundation, Inc.
; APPLICANT: New York Blood Center
; APPLICANT: Hanauske, Axel
; TITLE OF INVENTION: METHOD OF INHIBITING VIRAL REPLICATION
; TITLE OF INVENTION: IN EUKARYOTIC CELLS AND OF INDUCING APOPTOSIS OF
; TITLE OF INVENTION: VIRALLY-INFECTED CELLS

```

```

; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 19603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08743A
; FILING DATE: 05-JUN-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/488,811
; FILING DATE: 09-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldman, Michael L.
; REGISTRATION NUMBER: 30,727
; REFERENCE/DOCKET NUMBER: 19603/731
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1304
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; PCT-US96-08743A-4

Query Match 1.5%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCCA 224
DB 17 CCCAGCCCTCTCCA 4

RESULT 439
PCT-US96-09388-29
; Sequence 29, Application PC/TUS9609388
; GENERAL INFORMATION:
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Therapeutic Oligonucleotides
; TITLE OF INVENTION: Targeting the Human MDRI and MRP Genes
; NUMBER OF SEQUENCES: 114
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pann, Dorfman, Herrell and Skillman
; STREET: 1601 Market Street Suite 720
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103-2307
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/09388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/379,180
; FILING DATE: 12-JUL-1994
; ATTORNEY/AGENT INFORMATION:

```

NAME: Reed, Janet E.
 REGISTRATION NUMBER: 36,252
 REFERENCE/DOCKET NUMBER: 63082C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215)563-4100
 TELEFAX: (215)563-4044
 INFORMATION FOR SEQ ID NO: 29:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: not relevant
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: YES
 PCT-US96-09388-29

Query Match 1.5%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888
 |||||
 Db 3 CTCATTGCGGTCC 16

RESULT 440
 PCT-US96-09388-30
 ; Sequence 30, Application PC/TUS9609388
 ; GENERAL INFORMATION:
 ; APPLICANT: Smith, Larry J.
 ; TITLE OF INVENTION: Therapeutic Oligonucleotides
 ; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
 ; NUMBER OF SEQUENCES: 114
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
 ; STREET: 1601 Market Street Suite 720
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103-2307

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/09388
 FILING DATE: 07-JUN-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/379,180
 FILING DATE: 12-JUL-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Reed, Janet E.
 REGISTRATION NUMBER: 36,252
 REFERENCE/DOCKET NUMBER: 63082C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215)563-4100
 TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 30:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: not relevant
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: YES
 PCT-US96-09388-30

Query Match 1.5%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 875 CTCATTGAGGTCC 888
 |||||
 Db 1 CTCATTGCGGTCC 14

RESULT 441
 PCT-US96-09388-33
 ; Sequence 33, Application PC/TUS9609388
 ; GENERAL INFORMATION:
 ; APPLICANT: Smith, Larry J.
 ; TITLE OF INVENTION: Therapeutic Oligonucleotides
 ; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes
 ; NUMBER OF SEQUENCES: 114
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Dann, Dorfman, Herrell and Skillman
 ; STREET: 1601 Market Street Suite 720
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103-2307

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/09388
 FILING DATE: 07-JUN-1995
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/379,180
 FILING DATE: 12-JUL-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Reed, Janet E.
 REGISTRATION NUMBER: 36,252
 REFERENCE/DOCKET NUMBER: 63082C
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215)563-4100
 TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 33:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: not relevant
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: YES
 PCT-US96-09388-33

Query Match 1.5%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 4.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 875 CTCATTGAGGTCC 888
 |||||
 Db 5 CTCATTGCGGTCC 18

RESULT 442
 US-08-078-683A-33/c
 ; Sequence 33, Application US/08078683A
 ; Patent No. 5486599
 ; GENERAL INFORMATION:
 ; APPLICANT: Saunders, Scott
 ; APPLICANT: Bernfield, Merton
 ; APPLICANT: Kato, Masato
 ; TITLE OF INVENTION: Construction and Use of Synthetic
 ; TITLE OF INVENTION: Constructs Encoding Syndecan
 ; NUMBER OF SEQUENCES: 43
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII (text)
CURRENT APPLICATION DATA:
FILING DATE: 17-JUN-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: CME-062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-078-683A-33

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 349 CCAGGCCAACCTG 362
Db 14 CCAGGCCATCTG 1

RESULT 443
US-08-050-073-113
Sequence 113, Application US/08050073
Patent No. 5567809
GENERAL INFORMATION:
APPLICANT: Apple, Raymond J.
APPLICANT: Begovich, Ann B.
APPLICANT: Bugawan, Teodorica L.
APPLICANT: Erlich, Henry A.
APPLICANT: Griffith, Robert L.
APPLICANT: Scharf, Stephen J.
TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
NUMBER OF SEQUENCES: 315
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 17-JUN-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321

REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
US-08-050-073-113

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 452 TGCCTTCCAGGAAG 465
Db 5 TGTCTTCCAGGAAG 18

RESULT 444
US-08-261-822A-61
Sequence 61, Application US/08261822A
Patent No. 5650553
GENERAL INFORMATION:
APPLICANT: Ecker, Joseph R. et al.
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
TITLE OF INVENTION: and Pathogens
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 17-JUN-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-261-822A-61

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 CTCGATGTGAGAC 901
Db 6 CTCGATGTGAGAC 19

RESULT 445
US-08-809-297-2
; Sequence 2, Application US/0809297
; Patent No. 5948650
; GENERAL INFORMATION:
; APPLICANT: ARAKI, SHIGEKI
; APPLICANT: TSUCHIYA, YOHICHI
; TITLE OF INVENTION: GENETIC VARIETY IDENTIFYING METHOD IN
; TITLE OF INVENTION: HOPS
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/809,297
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP96/02121
; FILING DATE: 26-JUL-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP HEI 7-211328
; FILING DATE: 28-JUL-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP HEI 8-130586
; FILING DATE: 30-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: OBLON, NORMAN F.
; REGISTRATION NUMBER: 24618
; REFERENCE/DOCKET NUMBER: 2589-057-0PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "SYNTHETIC DNA"
US-08-809-297-2
Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 506 TTGGCCAGTTGG 519
DB 5 TTGGCCAGTTGG 18
RESULT 446
US-08-738-922-4
; Sequence 4, Application US/08738922
; Patent No. 5958686
; GENERAL INFORMATION:
; APPLICANT: Huo-Shu H. Hwang
; TITLE OF INVENTION: A Simple PCR Technique for Detecting
; TITLE OF INVENTION: and Differentiating Bacterial Pathogens
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John Moran

STREET: USA MEMC - MPMC-JA
CITY: FORT DETRICK, FREDERICK
STATE: MARYLAND
COUNTRY: USA
ZIP: 21702-5012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Apple Macintosh
OPERATING SYSTEM: Macintosh 7.0
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/738,922
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Moran, John
REGISTRATION NUMBER: 26,313
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 619-2065
TELEFAX: (301) 619-7714
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-08-738-922-4
Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 220 CTCGAGAGTGACG 233
DB 6 CTCGAGAGTGAGG 19
RESULT 447
US-08-258-287B-60
; Sequence 60, Application US/08258287B
; Patent No. 6083735
; GENERAL INFORMATION:
; APPLICANT: Yuan, Junying
; APPLICANT: Miura, Masayuki
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/258,287B
; FILING DATE: 10-JUN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/080,850
; FILING DATE: 24-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Bugaisky, Lawrence B.
; REGISTRATION NUMBER: 35,086
; REFERENCE/DOCKET NUMBER: 0609.3920001

Fri Jul 30 10:32:07 2004

TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
TELEX: 248636 SSK
INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-258-287B-60

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 557 CCAACAGCAGGAT 570
Db 2 CCAACAGCAGGAT 15

RESULT 448
US-08-368-704C-58
Sequence 58, Application US/08368704C
Patent No. 6087160
GENERAL INFORMATION:
APPLICANT: Yuan, Junying
APPLICANT: Miura, Masayuki
TITLE OF INVENTION: Programmed Cell Death Genes and Proteins
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/368,704C
FILING DATE: 4-JAN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/258,287
FILING DATE: 10-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/080,850
FILING DATE: 24-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Bugaisky, Lawrence B.
REGISTRATION NUMBER: 35,086
REFERENCE/DOCKET NUMBER: 0609.3920002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
TELEX: 248636 SSK
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-368-704C-58

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 557 CCAACAGCAGGAT 570
Db 2 CCAACAGCAGGAT 15

RESULT 449
US-09-038-637-72/c
Sequence 72, Application US/09038637
Patent No. 6235470
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,637
FILING DATE: 10-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/579,233
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-09-038-637-72

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 ACTGTGGTGCTGA 832
Db 19 ACTGTGGTGCTGA 6

RESULT 450
US-08-471-970A-33/c
Sequence 33, Application US/08471970A
Patent No. 6531295
GENERAL INFORMATION:
APPLICANT: Saunders, Scott
APPLICANT: Bernfield, Merton
APPLICANT: Kato, Masato
TITLE OF INVENTION: Construction and Use of Synthetic
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street
CITY: Boston


```
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02109
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII (text)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/471,970A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/078,683
/ FILING DATE: 17-JUN-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kara, Catherine J.
/ REGISTRATION NUMBER: P-41,106
/ REFERENCE/DOCKET NUMBER: CME-062DV
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 227-7400
/ TELEFAX: (617) 227-5941
/ INFORMATION FOR SEQ ID NO: 33:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ US-08-471-970A-33

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 349 CCAGCGCCCAACTG 362
Db 14 CCAGCGCCCACTG 1

RESULT 451
US-09-747-391-50/c
/ Sequence 50, Application US/09747391
/ Patent No. 6670124
/ GENERAL INFORMATION:
/ APPLICANT: Chow, Robert
/ APPLICANT: Tonai, Richard
/ APPLICANT: StemCyt, Inc.
/ TITLE OF INVENTION: High Throughput Methods of HLA Typing
/ FILE REFERENCE: 020035-000210US
/ CURRENT APPLICATION NUMBER: US/09/747,391
/ CURRENT FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: US 60/172,768
/ PRIOR FILING DATE: 1999-12-20
/ NUMBER OF SEQ ID NOS: 278
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 50
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-747-391-50

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCTC 422
Db 18 TCCCGAGGCTCTC 5

RESULT 452
PCT-US95-07744A-61
/ Sequence 61, Application PC/TUS9507744A
/ GENERAL INFORMATION:
/ APPLICANT: Trustees of The University of Pennsylvania
/ TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
/ TITLE OF INVENTION: and Pathogens
/ NUMBER OF SEQUENCES: 82
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
/ STREET: One Liberty Place, 46th floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US95/07744A
/ FILING DATE: 15-JUNE-1995
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/261,822
/ FILING DATE: June 17, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Beardell, Lori Y.
/ REGISTRATION NUMBER: 34,293
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
/ PCT-US95-07744A-61

Query Match 1.5%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 888 CTGCATGTGAGAAC 901
Db 6 CTGCATGTGAGAAC 19

RESULT 453
US-08-249-188A-2
/ Sequence 2, Application US/08249188A
/ Patent No. 5571639
/ GENERAL INFORMATION:
/ APPLICANT: Hubbell, Earl A.
/ APPLICANT: Lipschutz, Robert J.
/ APPLICANT: Morris, Macdonald S.
/ APPLICANT: Winkler, James L.
/ TITLE OF INVENTION: Computer-Aided Engineering System
/ TITLE OF INVENTION: for Design of Sequence Arrays and
/ Patent No. 5571639
/ TITLE OF INVENTION: Lithographic Masks
/ NUMBER OF SEQUENCES: 2
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Townsend and Townsend Kourie and Crew
/ STREET: One Market Plaza, Steuart Tower, Suite 2000
/ CITY: San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94105
/ COMPUTER READABLE FORM:
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Fri Jul 30 10:32:07 2004

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/249,188A
FILING DATE: 24-MAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5571639v1el, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528X-58
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-249-188A-2

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 ACTGACGACTGACTGA 810
Db 1 ACTGACGACTGACTGA 17

RESULT 454
US-08-460-411-2
Sequence 2, Application US/08460411
Patent No. 5593839
GENERAL INFORMATION:
APPLICANT: Hubbell, Earl A.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Morris, Macdonald S.
APPLICANT: Winkler, James L.
TITLE OF INVENTION: Computer-Aided Engineering System
TITLE OF INVENTION: for
TITLE OF INVENTION: Design of Sequence Arrays and Lithographic Masks
Patent No. 5593839
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,411
FILING DATE: 24-MAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5593839v1el, Vernon A.
REGISTRATION NUMBER: 32,483
REFERENCE/DOCKET NUMBER: 16528X-58
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-460-411-2

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 794 ACTGACGACTGACTGA 810
Db 1 ACTGACGACTGACTGA 17

RESULT 455
US-08-373-124A-542
Sequence 542, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Wardburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 542:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-542

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 662 CATGACCTGAAGCTCA 678
Db 1 CAUGCACUUGAGCUCA 17

RESULT 456
US-07-999-071-17
; Sequence 17, Application US/07999071
; Patent No. 5691196
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/999,071
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/999,071
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 ACTGAACCTGTGACTG 822
Db 1 ACTGAACCTGTGACTG 17

RESULT 457
US-08-469-122-17
; Sequence 17, Application US/08469122
; Patent No. 5700650
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,122
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,122
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,122
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 ACTGAACCTGTGACTG 822
Db 1 ACTGAACCTGTGACTG 17

RESULT 458
US-08-465-783-17
; Sequence 17, Application US/08465783
; Patent No. 5700882
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,783
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,783
FILING DATE: 31-DEC-1992
CLASSIFICATION: 435
APPLICANT: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470

TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-465-783-17

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 ACTGAACCCCTGTACTG 822
|||||
Db 1 ACTGAACCCCTGTACTG 17

RESULT 459
US-08-469-120-17
Sequence 17, Application US/08469120
Patent No. 5714595
GENERAL INFORMATION:
APPLICANT: Mak, Paul
TITLE OF INVENTION: Karathanasis, Sotirios K.
TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
TITLE OF INVENTION: Receptor Agonists and Antagonists
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: American Cyanamid Company
STREET: One Cyanamid Plaza
CITY: Wayne
STATE: New Jersey
COUNTRY: USA
ZIP: 07470
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,120
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/999,071
FILING DATE: 31-DEC-1992
ATTORNEY/AGENT INFORMATION:
NAME: Tsevdos, Estelle J.
REGISTRATION NUMBER: 31145
REFERENCE/DOCKET NUMBER: 31941
TELECOMMUNICATION INFORMATION:
TELEPHONE: (201) 831-3241
TELEFAX: (201) 831-3305
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-469-120-17

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 ACTGAACCCCTGTACTG 822
|||||
Db 1 ACTGAACCCCTGTACTG 17

RESULT 460
US-08-435-628-542
Sequence 542, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 542:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-542

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 662 CATGCAGCTGAAGTCA 678
|||||
Db 1 CAUGCACUUGCAGCUCA 17

RESULT 461
US-08-292-620A-1708
Sequence 1708, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1708:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1708
Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
OY 661 TCATGCAGCTGAGCTC 677
DB 1 UCCUGCCUCUGAGCUC 17
RESULT 462
US-08-721-689-2
Sequence 2, Application US/08721689
Patent No. 5856101
GENERAL INFORMATION:
APPLICANT: Hubbell, Earl A.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Morris, Macdonald S.
APPLICANT: Winkler, James L.
TITLE OF INVENTION: Computer-Aided Engineering System
for Design of Sequence Arrays and Lithographic Masks
TITLE OF INVENTION: for Design of Sequence Arrays and Lithographic Masks
PRIOR APPLICATION DATA:
NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/721,689
FILING DATE: 27-SEPTEMBER-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Michael J. Ritter
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: 16528X-58-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-721-689-2
Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 794 ACTGAGGACTGACTGA 810
DB 1 ACTGACTGACTGACTGA 17
RESULT 463
US-08-762-500-82
Sequence 82, Application US/08762500
Patent No. 6030806
GENERAL INFORMATION:
APPLICANT: Landes, Gregory M.
APPLICANT: Burn, Timothy D.
APPLICANT: Connors, Timothy D.
APPLICANT: Dackowski, William R.
APPLICANT: Van Raay, Terence J.
APPLICANT: Klinger, Katherine W.
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
METHODS OF MAKING AND USING SAME
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
NUMBER OF SEQUENCES: 83
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: United States of America
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/762,500
FILING DATE: 09-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/665,259

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; FILING DATE: 17-JUN-1996
; PRIOR APPLICATION DATA: PCT/US96/10469
; APPLICATION NUMBER: 17-JUN-1996
; FILING DATE: 17-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IG5-9.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; Molecule type: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide primer -
; DESCRIPTION: sense strand"
; US-08-762-500-82

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 835 CTGGTACCAGAACACAG 851
DB 1 CTGCAACCAACACAG 17

RESULT 464
US-08-985-162-293
; Sequence 293, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-360

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 414 CAGGCTCTCCGGTGCC 430
DB 1 CAUGCCCUUGGCGGCC 17

RESULT 465
US-08-985-162-360
; Sequence 360, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 360:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-360

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 349 CCAGCGCCAACTGTCA 365
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TITLE OF INVENTION: ENZYMOLOGICAL TREATMENT OF DISEASES
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
 FILE REFERENCE: 231/175

TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1708:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-071-845-1708

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 58.8%; Pred. No. 4.6e+02;
 Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATCGACGTGAAGCTC 677
 DB 1 UCCUGCCUCUGAAGCUC 17

RESULT 469

US-08-834-497A-50
 Sequence 50, Application US/08834497A
 Patent No. 6140305

GENERAL INFORMATION:

APPLICANT: Thomas, Winston J.
 APPLICANT: Drayna, Dennis T.
 APPLICANT: Feder, John N.
 APPLICANT: Gairke, Andreas
 APPLICANT: Ruddy, David
 APPLICANT: Teuchihashi, Zenta
 APPLICANT: Wolff, Roger K.
 TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
 NUMBER OF SEQUENCES: 76

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10036-2811

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: Windows 95
 SOFTWARE: FastSeq for Windows Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/834,497A
 FILING DATE: 04-APR-1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/652,265
 FILING DATE: 23-MAY-1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/532,673
 FILING DATE: 16-APR-1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/630,912
 FILING DATE: 04-APR-1996

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
 NAME: Poissant, Brian M.
 REGISTRATION NUMBER: 28,462
 REFERENCE/DOCKET NUMBER: 8907-0056-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-493-4935

TELEFAX: 650-493-5556

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 50:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-834-497A-50

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 TGGTGCTGAAGCTGGT 839
 DB 1 TGGTGCTCCACCTGGT 17

RESULT 470

US-08-974-549A-481/C
 Sequence 481, Application US/08974549A
 Patent No. 6166178

GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.
 APPLICANT: Lingner, Joachim
 APPLICANT: Nakamura, Toru
 APPLICANT: Chapman, Karen B.
 APPLICANT: Morin, Gregg B.
 APPLICANT: Harley, Calvin B.
 APPLICANT: Andrews, William H.
 TITLE OF INVENTION: Human Telomerase Catalytic Subunit
 NUMBER OF SEQUENCES: 727

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/974,549A
 FILING DATE: 19-NOV-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/724,643
 FILING DATE: 01-OCT-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/844,419
 FILING DATE: 18-APR-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/846,017
 FILING DATE: 25-APR-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/851,843
 FILING DATE: 06-MAY-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/854,050
 FILING DATE: 09-MAY-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/911,312
 FILING DATE: 14-AUG-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/912,951
 FILING DATE: 14-AUG-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/915,503
 FILING DATE: 14-AUG-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/US97/17618
 FILING DATE: 01-OCT-1997

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: WO PCT/US97/17885
 FILING DATE: 01-OCT-1997


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; INFORMATION FOR SEQ ID NO: 2349:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2349

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred.No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 583 ACCTGTCTTACTCCGG 599
||| ||| ||| ||| ||| ||| |||
DB 17 ACCTGTCTTACTCCGG 1

RESULT 472
US-08-584-040-2855
; Sequence 2855, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2855:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2855

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.3%; Pred.No. 4.6e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

; INFORMATION FOR SEQ ID NO: 2349:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2349

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred.No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 626 CAGCGCTCAGTCCGCT 642
||| ||| ||| ||| ||| ||| |||
DB 17 CAGCGCTCAGTCCGCT 1

RESULT 471
US-08-584-040-2349/c
; Sequence 2349, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

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; INFORMATION FOR SEQ ID NO: 2349:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2349

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred.No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 583 ACGTGTCTTACTCCGG 599
|||||
DB 17 ACGTACTGCTTCCTG 1

RESULT 472
US-08-584-040-2855
; Sequence 2855, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2855:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2855

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.3%; Pred.No. 4.6e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

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Qy 508 TGGCAGTTGGCATT 524
Db 1 UGCGUAGUUUGCCUU 17

RESULT 473
US-08-584-040-5915/C
; Sequence 5915, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5915:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-5915
Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 784 GTGAGCGCAACTGCAG 800
Db 17 GTCAGCGTGAAGTGCAG 1

RESULT 474
US-08-584-040-7412
; Sequence 7412, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5915:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-5915
Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 784 GTGAGCGCAACTGCAG 800
Db 17 GTCAGCGTGAAGTGCAG 1

RESULT 474
US-08-584-040-7412
; Sequence 7412, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7412:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-7412
Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 4.6e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 202 TCCTGGTTCCAGCC 218
Db 1 UCCUCGCUUCCAGCCC 17

RESULT 475
US-08-584-040-7767
; Sequence 7767, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066

```
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7767:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7767

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.6e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 922 GCGGGACTTTCAGGTTT 938
Db 1 GCGGGACTUUCGACU 17

RESULT 476
US-08-584-040-7775/c
/ Sequence 7775, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040

/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: 60/001,135
/ FILING DATE: July 13, 1995
/ APPLICATION NUMBER: 08/300,726
/ FILING DATE: September 2, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.

/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7775:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-584-040-7775

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 766 CAGACTGGAGAGAG 782
Db 17 CACAGCTGGAGAGCAG 1

RESULT 477
US-08-679-645-176
/ Sequence 176, Application US/08679645
/ Patent No. 6350934
/ GENERAL INFORMATION:
/ APPLICANT: Zwick, Michael G.
/ APPLICANT: Edington, Brent E.
/ APPLICANT: McSwiggen, James A.
/ APPLICANT: Merlo, Patricia Ann Owens
/ APPLICANT: Guo, Lining
/ APPLICANT: Skokut, Thomas A.
/ APPLICANT: Young, Scott A.
/ APPLICANT: Folkerts, Otto
/ APPLICANT: Merlo, Donald J.
/ TITLE OF INVENTION: COMPOSITION AND METHODS FOR
/ TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
/ TITLE OF INVENTION: IN PLANTS
/ NUMBER OF SEQUENCES: 1263
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/679,645
/ FILING DATE: July 12, 1996
/ CLASSIFICATION: 800
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/001,135
/ FILING DATE: July 13, 1995
/ APPLICATION NUMBER: 08/300,726
/ FILING DATE: September 2, 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
```

```
;
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 219/247
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
;   INFORMATION FOR SEQ ID NO: 176:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   US-08-679-645-176
;
;   Query Match          1.5%; Score 12.2; DB 1; Length 17;
;   Best Local Similarity 70.6%; Pred. No. 4.6e+02;
;   Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
;
;   QY 563 GCAGGATCTCTCGTCG 579
;   Db 1 GCAGGATCTCTCGTCG 17
;
;   RESULT 478
;   US-08-679-645-666
;   Sequence 666, Application US/08679645
;   Patent No. 6350934
;   GENERAL INFORMATION:
;   APPLICANT: Zwick, Michael G.
;   APPLICANT: Edington, Brent E.
;   APPLICANT: McSwiggen, James A.
;   APPLICANT: Merlo, Patricia Ann Owens
;   APPLICANT: Guo, Lining
;   APPLICANT: Skokut, Thomas A.
;   APPLICANT: Young, Scott A.
;   APPLICANT: Folkerts, Otto
;   APPLICANT: Merlo, Donald J.
;   TITLE OF INVENTION: COMPOSITION AND METHODS FOR
;   TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
;   NUMBER OF SEQUENCES: 1263
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Lyon & Lyon
;   STREET: 633 West Fifth Street
;   CITY: Suite 4700
;   CITY: Los Angeles
;   STATE: California
;   COUNTRY: U.S.A.
;   ZIP: 90071-2066
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;   COMPUTER: IBM Compatible
;   OPERATING SYSTEM: IBM P.C. DOS 5.0
;   SOFTWARE: Word Perfect 5.1
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/679,645
;   FILING DATE: July 12, 1996
;   CLASSIFICATION: 800
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: 60/001,135
;   FILING DATE: July 13, 1995
;   APPLICATION NUMBER: 08/300,726
;   FILING DATE: September 2, 1994
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard J.
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 219/247
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
;   INFORMATION FOR SEQ ID NO: 666:
;
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   US-08-679-645-666
;
;   Query Match          1.5%; Score 12.2; DB 1; Length 17;
;   Best Local Similarity 70.6%; Pred. No. 4.6e+02;
;   Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
;
;   QY 412 AGCAGGCTCTCGGCTG 428
;   Db 1 AGCAGGCTCTCGGCTG 17
;
;   RESULT 479
;   US-08-912-951-248/c
;   Sequence 248, Application US/08912951
;   Patent No. 8475789
;   GENERAL INFORMATION:
;   APPLICANT: Cech, Thomas R.
;   APPLICANT: Lingner, Joachim
;   APPLICANT: Nakamura, Toru
;   APPLICANT: Chapman, Karen B.
;   APPLICANT: Morin, Gregg B.
;   APPLICANT: Harley, Calvin
;   APPLICANT: Andrews, William H.
;   TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
;   TITLE OF INVENTION: THERAPEUTIC METHODS
;   NUMBER OF SEQUENCES: 335
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Townsend and Townsend and Crew LLP
;   STREET: Two Embarcadero Center, 8th Floor
;   CITY: San Francisco
;   STATE: California
;   COUNTRY: United States of America
;   ZIP: 94111
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/912,951
;   FILING DATE: 14-AUG-1997
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/854,050
;   FILING DATE: 09-MAY-1997
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/851,843
;   FILING DATE: 06-MAY-1997
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/846,017
;   FILING DATE: 25-APR-1997
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/844,419
;   FILING DATE: 18-APR-1997
;   CLASSIFICATION: 435
;   PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/724,643
;   FILING DATE: 01-OCT-1996
;   CLASSIFICATION: 435
;   ATTORNEY/AGENT INFORMATION:
;   NAME: Apple, Randolph T.
;   REGISTRATION NUMBER: 36,429
;   REFERENCE/DOCKET NUMBER: 015389-00260005
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (415) 576-0200
```

TELEFAX: (415) 576-0300
 INFORMATION FOR SEQ ID NO: 248:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA
 US-08-912-951-248

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 626 CAGCGCTCAGTCCCGCT 642
 DB 17 CAGCGCTCAGTCCCGCT 1

RESULT 480
 US-09-474-432B-332/c
 Sequence 332, Application US/09474432B
 Patent No. 6528640
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Beigelman, Leo
 APPLICANT: Burgin, Alex
 APPLICANT: Beaudry, Amber
 APPLICANT: Karpeisky, Alex
 APPLICANT: Adamic, Jasenka
 APPLICANT: Sweedler, David
 APPLICANT: Zinnen, Shawn
 TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
 FILE REFERENCE: MHB00-831-B (247/276)
 CURRENT APPLICATION NUMBER: US/09/474,432B
 CURRENT FILING DATE: 1999-12-19
 PRIOR APPLICATION NUMBER: US 60/064,866
 PRIOR FILING DATE: 1997-11-05
 PRIOR APPLICATION NUMBER: US 60/084,727
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: US 09/186,675
 PRIOR FILING DATE: 1998-11-04
 PRIOR APPLICATION NUMBER: US 09/301,511
 PRIOR FILING DATE: 1999-04-28
 NUMBER OF SEQ ID NOS: 1526
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 332
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-474-432B-332

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 143 GCGGCTCAGTCCCAT 159
 DB 17 GCGGCTCAGTCCCAT 1

RESULT 481
 US-09-474-432B-605
 Sequence 605, Application US/09474432B
 Patent No. 6528640
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Beigelman, Leo
 APPLICANT: Burgin, Alex
 APPLICANT: Beaudry, Amber
 APPLICANT: Karpeisky, Alex
 APPLICANT: Adamic, Jasenka
 APPLICANT: Sweedler, David

APPLICANT: Zinnen, Shawn
 TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
 FILE REFERENCE: MHB00-831-B (247/276)
 CURRENT APPLICATION NUMBER: US/09/474,432B
 CURRENT FILING DATE: 1999-12-19
 PRIOR APPLICATION NUMBER: US 60/064,866
 PRIOR FILING DATE: 1997-11-05
 PRIOR APPLICATION NUMBER: US 60/084,727
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: US 09/186,675
 PRIOR FILING DATE: 1998-11-04
 PRIOR APPLICATION NUMBER: US 09/301,511
 PRIOR FILING DATE: 1999-04-28
 NUMBER OF SEQ ID NOS: 1526
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 605
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-474-432B-605

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 64.7%; Pred. No. 4.6e+02;
 Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTTGGGGGCTGCAGCT 155
 DB 1 CUGCGGAGGCGCAGCU 17

RESULT 482
 US-09-474-432B-684
 Sequence 684, Application US/09474432B
 Patent No. 6528640
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Beigelman, Leo
 APPLICANT: Burgin, Alex
 APPLICANT: Beaudry, Amber
 APPLICANT: Karpeisky, Alex
 APPLICANT: Adamic, Jasenka
 APPLICANT: Sweedler, David
 APPLICANT: Zinnen, Shawn
 TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
 FILE REFERENCE: MHB00-831-B (247/276)
 CURRENT APPLICATION NUMBER: US/09/474,432B
 CURRENT FILING DATE: 1999-12-19
 PRIOR APPLICATION NUMBER: US 60/064,866
 PRIOR FILING DATE: 1997-11-05
 PRIOR APPLICATION NUMBER: US 60/084,727
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: US 09/186,675
 PRIOR FILING DATE: 1998-11-04
 PRIOR APPLICATION NUMBER: US 09/301,511
 PRIOR FILING DATE: 1999-04-28
 NUMBER OF SEQ ID NOS: 1526
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 684
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-474-432B-684

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCAGAGA 370
 DB 1 GCCAACCGGCAGAGGA 17

RESULT 483

US-09-371-772B-894/c
 ; Sequence 894, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 894
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-894

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 583 ACGTGTCTTACTCCGG 599
 ||||| |||||
 Db 17 ACGTGACTGACTCTCTG 1

RESULT 484
 US-09-371-772B-1379
 ; Sequence 1379, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1379
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-1379

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 41.2%; Pred. No. 4.6e+02;
 Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;
 QY 508 TGCCAGTTTGGCATTT 524
 :||| :||| :||| :||| :||| :||| :|||
 Db 1 UGGCUGUUUGCCUUU 17

RESULT 485
 US-09-371-772B-2754/c

; Sequence 2754, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2754
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-2754

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 784 GTGAGCGCAAACTGCAG 800
 ||||| ||||| |||||
 Db 17 GTCAGCGTGAACGTCAG 1

RESULT 486
 US-09-371-772B-3219
 ; Sequence 3219, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3219
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3219

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 58.8%; Pred. No. 4.6e+02;
 Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
 QY 202 TCTGGGTTCCAGCCC 218
 :||| :||| :||| :||| :||| :||| :|||
 Db 1 UCCUCGCUCCAGGCC 17

RESULT 487
 US-09-371-772B-3551
 ; Sequence 3551, Application US/09371772B

; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3551
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3551

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 4.6e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 922 GCGGACTTTCAGTTT 938
DB 1 GCGGAGCUUCCGAUC 17

RESULT 488
US-09-371-772B-3559/c
; Sequence 3559, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3559
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3559

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 766 CAGAACTGGAGAGAG 782
DB 17 CACAGCTGGAGAGCAG 1

RESULT 489
US-09-371-772B-4704
; Sequence 4704, Application US/09371772B
; Patent No. 6566127

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4704
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4704

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 773 GGAGAGAGTGTGAGC 789
DB 1 GGAUGAGCAGUGAGC 17

RESULT 490
US-09-371-772B-4823
; Sequence 4823, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4823
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4823

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 452 TGCCTTCCAGGAGAGC 468
DB 1 UGUUUCCAGAGAGC 17

RESULT 491
US-09-371-772B-6180/c
; Sequence 6180, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6180
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6180

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 190 GCGGGTCAGTTTCCTG 206
DB 17 GCCAAGTCAGTTTCCCG 1

RESULT 492

US-09-371-772B-6439/c
; Sequence 6439, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6439
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6439

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 136 CTGCTTTGGGGCTGCA 152
DB 17 CTGCTAGTGGGCTGCA 1

RESULT 493

US-09-325-601-1
; Sequence 1, Application US/09325601
; Patent No. 6573045
; GENERAL INFORMATION:
; APPLICANT: Kain

; APPLICANT: Prescott
; TITLE OF INVENTION: Methods and Kits for Discovery of RNA-Binding Compounds
; FILE REFERENCE: 3950/81235
; CURRENT APPLICATION NUMBER: US/09/325,601
; CURRENT FILING DATE: 1999-06-03
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-09-325-601-1

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
DB 1 AGCCAGAUUGAGCAGC 17

RESULT 494

US-09-402-181B-481/c
; Sequence 481, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin B.
; Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.


```
/
/ REGISTRATION NUMBER: 42,271
/ REFERENCE/DOCKET NUMBER: 015389-002620US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 481:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..17
/ OTHER INFORMATION: /note= "Nam4 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 481:
US-09-402-181B-481

Query Match          1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      626 CAGCGCTCAGTCCGCT 642
Db      17 CAGCGCTGCGTCTGCT 1

RESULT 495
US-09-721-456-481/c
; Sequence 481, Application US/09721456
; Patent No. 6617110
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; LINGNER, Joachim
; NAKAMURA, Toru
; CHAPMAN, Karen B.
; MORIN, Gregg B.
; HARLEY, Calvin B.
; ANDREWS, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/721,456
; FILING DATE: 22-Nov. 6617110-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
```

```
/
/ APPLICATION NUMBER: US 08/912,951
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: US 08/915,503
/ FILING DATE: 14-AUG-1997
/ APPLICATION NUMBER: WO PCT/US97/17618
/ FILING DATE: 01-OCT-1997
/ APPLICATION NUMBER: WO PCT/US97/17885
/ FILING DATE: 01-OCT-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Apple, Randolph Ted
/ REGISTRATION NUMBER: 36,429
/ REFERENCE/DOCKET NUMBER: 015389-002610US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 576-0200
/ TELEFAX: (415) 576-0300
/ INFORMATION FOR SEQ ID NO: 481:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: -
/ LOCATION: 1..17
/ OTHER INFORMATION: /note= "Nam4 primer"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 481:
US-09-721-456-481

Query Match          1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      626 CAGCGCTCAGTCCGCT 642
Db      17 CAGCGCTGCGTCTGCT 1

RESULT 496
US-09-476-387-331/c
; Sequence 331, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleoside Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 331
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-331

Query Match          1.5%; Score 12.2; DB 1; Length 17;
```

Best Local Similarity 82.4%; Pred. No. 4.6e+02; Mismatches 3; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGCTCAT 159
| | | | | | | | | |
Db 17 GGGAGCCGCGAGCTCAT 1

RESULT 497

US-09-476-387-604
; Sequence 604, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 604
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-604

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 4.6e+02; Mismatches 3; Indels 0; Gaps 0;

QY 139 CTTGGGGCTGCAGCT 155
| | | | | | | | | |
Db 1 CUGCGGAGCUGCAGCU 17

RESULT 498

US-09-476-387-683
; Sequence 683, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 683
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-683

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02; Mismatches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 354 GCCAACCTGTCACAAGA 370
| | | | | | | | | |
Db 1 GCCAACCGCCAGAGGA 17

RESULT 499

US-09-401-063-293
; Sequence 293, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 293:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-293

```
Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 414 CAGGCTCTCGGTGCC 430
    |||||:|||||
Db 1 CAUGCCCUUGGCGUGC 17

RESULT 500
US-09-401-063-360
; Sequence 360, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 360:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-360

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 4.6e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 349 CCAGCGCCACCTGTCA 355
    |||||:|||||
Db 1 CCAGCGCCUCCUGUCA 17

RESULT 501
US-09-401-063-645/c
; Sequence 645, Application US/09401063
```

```
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 645:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-645

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CTTAAGGAGATGGCAGA 769
    |||||:|||||
Db 17 CTTAAGGAGATTCAGA 1

RESULT 502
US-09-827-998-367/c
; Sequence 367, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 367
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-827-998-367

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 570 TCCTCGCTGCTCAGT 586
 |||||
 DB 17 TCCTCGCTACCTGAAGT 1

RESULT 503

US-09-827-998-466
 ; Sequence 466, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MHMORF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; PRIOR FILING DATE: 2001-04-06

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6656700

; SEQ ID NO 466

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-827-998-466

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 770 ACTGAGAGAGGTGTG 786
 |||||
 DB 1 ACTGAGAGAGGGGG 17

RESULT 504

US-09-866-108A-176
 ; Sequence 176, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 176
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-176

Query Match 1.5%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 613 TGGCCATCTCAACCAGC 629
 |||||
 DB 1 TGGCCATCTCATCAGC 17

RESULT 505

US-09-866-108A-199

; Sequence 199, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

```

; SEQ ID NO 199
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-199

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      820 CTGTGGGTGCTGAAGCT 836
      ||||| |||||
Db      1 CTGTGGGAGCAGAAGAT 17

RESULT 506
US-09-866-108A-212/c
; Sequence 212, Application US/098666108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-34
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 212
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-212

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      535 GCCCTCTTCTCGACTCT 551
      ||||| |||||
Db      17 GTCTCTTCCGATCT 1

RESULT 507
US-09-866-108A-559
; Sequence 559, Application US/098666108A

```

;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 560
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-560

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 724 AGGAGCTGCGGTACAGT 740
|||||
DB 1 AGGAGCTGCGGTCCAGT 17

RESULT 509
US-09-866-108A-561
;; Sequence 561, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; PRIOR FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine

;; Patent No. 6686188
;; SEQ ID NO 561
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-561

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 725 GGAGCTGCGGTACAGTG 741
|||||
DB 1 GGAGCTGCGGTCCAGTG 17

RESULT 510
US-09-866-108A-1387
;; Sequence 1387, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; PRIOR FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 1387
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-1387

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 665 GCAGCTGAAGCTCACAG 681
|||||
DB 1 GCAGCTGAAGCTCGAG 17

RESULT 511
US-09-866-108A-2231/c

; Sequence 2231, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2231
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2231

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTCCTAGGCTCTGC 891
DB 17 CTCCTAGGACCTGC 1

RESULT 512
US-09-866-108A-2232
; Sequence 2232, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2232
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2232

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTCATGGAGA 505
DB 1 CAGGATCTCATGGAGA 17

RESULT 513
US-09-866-108A-6541/c
; Sequence 6541, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755

US-09-866-108A-6619
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6541
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6541

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 426 CTGCCCCCTGCTAGTCT 442
|||||
DB 17 CTGCCCCAGGCTTGCT 1

RESULT 514
US-09-866-108A-6619
; Sequence 6619, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6619
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6619

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGCTGC 429
|||||
DB 1 GGAGGCTCTGCGTCTGC 17

RESULT 515
US-09-866-108A-6619
; Sequence 6619, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6619
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6619

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGCTGC 429
|||||
DB 1 GGAGGCTCTGCGTCTGC 17

RESULT 516
US-09-866-108A-7379
; Sequence 7379, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCCGCTGC 429
|||||
DB 1 GGAGGCTCTGCGTCTGC 17

US-09-866-108A-6710/c
; Sequence 6710, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6710
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6710

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 261 GACAGGAGCACCTTCAG 277
|||||
DB 17 GACATGAGCTTCTTCAG 1

RESULT 516
US-09-866-108A-7379
; Sequence 7379, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6


```

Query Match      1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 773 GCAGAGAAAGTGTGAGC 789
      | | | | | | | | | |
Db 1 GCAGAGAAAGTTTGACC 17

```

```

RESULT 519
US-09-866-108A-8240
; Sequence 8240, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8240
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8240

Query Match 1.58; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.48; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CAGCGGACTTTCAGGT 936
Db 1 CATCGGACTTTCAGT 17

RESULT 520
US-09-866-108A-8309/c
; Sequence 8309, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8240
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8240

Query Match 1.58; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.48; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 920 CAGCGGACTTTCAGGT 936
Db 1 CATCGGACTTTCAGT 17

RESULT 521
US-09-866-108A-8377/c
; Sequence 8377, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8309
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8309

Query Match 1.58; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.48; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTGCAC 693
Db 17 CCCAGAGGAGCTGCAC 1

RESULT 521
US-09-866-108A-8377/c
; Sequence 8377, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8309
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8309

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8377
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8377

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 407 GTCTCCAGCGGCTCTCC 423
Db 17 GTCTCCAGCGGCTGTGC 1

RESULT 522
US-09-866-108A-8493/c
; Sequence 8493 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8493
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8493

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCGGCTCT 421
Db 17 CTGCTCCAGCGGCTCT 1

US-09-866-108A-8493/c
; Sequence 8493 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8493
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8493

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 405 CTGCTCCAGCGGCTCT 421
Db 17 CTGCTCCAGCGGCTCT 1

RESULT 523
US-09-866-108A-8950
; Sequence 8950 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8950
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8950

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 458 CCAGGAAGAGCTCCAGG 474
Db 1 CCTGGAAGAGCTGAAGG 17

RESULT 524
US-09-866-108A-8996/c
; Sequence 8996 Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456

;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 8996
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-8996

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCTGC 436
DB 17 CGCGGCTGCCCTGC 1

RESULT 525
US-09-866-108A-9035
;; Sequence 9035, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 9035
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-9035

;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 9035
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-9035

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 333 GTGAGCAACTTGGTGC 349
DB 1 GTGAGCAACTTGCAGC 17

RESULT 526
US-09-866-108A-10477
;; Sequence 10477, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 10477
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-10477

Query Match 1.5%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 597 CGGTGGCGGTGGACGT 613
DB 1 CGGTGGCGGTGGACGT 17

RESULT 527
 US-07-882-838E-14
 ; Sequence 14, Application US/07882838E
 ; Patent No. 5616461
 ; GENERAL INFORMATION:
 ; APPLICANT: Priscilla A. Schaffer
 ; APPLICANT: Christine E. Dabrowski Amaral
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF VIRUS INFECTIONS
 ; NUMBER OF SEQUENCES: 49
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn
 ; STREET: One Liberty Place
 ; CITY: Philadelphia
 ; STATE: Pennsylvania
 ; COUNTRY: U.S.A.
 ; ZIP: 19103

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM PS/2 Model 502 or 55SX
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
 SOFTWARE: WordPerfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/882,838E
 FILING DATE: May 14, 1992
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Kathryn Leary
 REGISTRATION NUMBER: 36,317
 REFERENCE/DOCKET NUMBER: DPCI-0001
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-3100
 TELEFAX: (215) 568-3439
 TELEX:
 INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
 LENGTH: 18
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-07-882-838E-14

Query Match 1.5%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 5, 1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 775 AGAAGAGTGTGAGCGC 791
 Db 1 AAAAGAGTGTGAGCGC 17

RESULT 528
 US-08-320-559-15/c
 ; Sequence 15, Application US/08320559
 ; Patent No. 5633135
 ; GENERAL INFORMATION:
 ; APPLICANT: Croce, Carlo
 ; APPLICANT: Canaan, Eli
 ; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods for
 ; TITLE OF INVENTION: Detection and Treatment of Acute Leukemias
 ; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the
 ; TITLE OF INVENTION: All-1 Region
 ; NUMBER OF SEQUENCES: 44
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5633135-15
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA

COUNTRY: USA
 ZIP: 19103
 COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/320,559
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/062,443
 FILING DATE: 14 MAY 1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/07/971,094
 FILING DATE: 30-OCT-92
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/07/888,830
 FILING DATE: 27-MAY-92
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/07/805,093
 FILING DATE: 11-DEC-91
 ATTORNEY/AGENT INFORMATION:
 NAME: Deluca, Mark
 REGISTRATION NUMBER: 33,229
 REFERENCE/DOCKET NUMBER: TJU-0855
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-3100
 TELEFAX: (215) 568-3439
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 ANTI-SENSE: NO
 US-08-320-559-15

Query Match 1.5%; Score 12.2; DB 1; Length 18;
 Best Local Similarity 82.4%; Pred. No. 5, 1e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782
 Db 17 CAGATCTAGAAAGAG 1

RESULT 529
 US-08-327-392-15/c
 ; Sequence 15, Application US/08327392
 ; Patent No. 5633136
 ; GENERAL INFORMATION:
 ; APPLICANT: Croce, Carlo
 ; APPLICANT: Canaan, Eli
 ; TITLE OF INVENTION: ALL-1 Polynucleotides and Monoclonal
 ; TITLE OF INVENTION: Antibodies for Leukemia Detection and
 ; TITLE OF INVENTION: Treatment
 ; NUMBER OF SEQUENCES: 24
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5633136-15
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA
 ; COUNTRY: USA
 ; ZIP: 19103
 ; GENERAL INFORMATION:
 ; APPLICANT: Croce, Carlo
 ; APPLICANT: Canaan, Eli
 ; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods for
 ; TITLE OF INVENTION: Detection and Treatment of Acute Leukemias
 ; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the
 ; TITLE OF INVENTION: All-1 Region
 ; NUMBER OF SEQUENCES: 44
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5633135-15
 ; STREET: One Liberty Place - 46th Floor
 ; CITY: Philadelphia
 ; STATE: PA

TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: Other nucleic acid;
DESCRIPTION: RNA (synthetic)
US-08-540-448-23

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 728 GCTGCGGTACAGTGTAG 744
||:||||:||||
Db 1 GCUGCGGUACAGGCCAG 17

RESULT 531
US-08-761-131-3
Sequence 3, Application US/08761131
Patent No. 5804384
GENERAL INFORMATION:
APPLICANT: M Iler, Uwe R. et al.
TITLE OF INVENTION: DEVICES AND METHODS FOR DETECTING
TITLE OF INVENTION: MULTIPLE ANALYTES IN SAMPLES
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Vysis, Inc.
STREET: 3100 Woodcreek Drive
CITY: Downers Grove
STATE: Illinois
COUNTRY: U.S.A.
ZIP: 60515
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA: US/08/761,131
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Galloway, No. 5804384val B.
REGISTRATION NUMBER: 33,595
REFERENCE/DOCKET NUMBER: 01886/064001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-271-7417
TELEFAX: 708-271-7048
TELEX: 200154
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
US-08-761-131-3

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 488 TCAGGATCTAATTGGAG 504

FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/971,094
FILING DATE: 30-OCT-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/888,830
FILING DATE: 27-MAY-92
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/805,093
FILING DATE: 11-DEC-91
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1331
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: No
US-08-327-392-15

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 766 CAGACTCGAGAAGAG 782
|||||:|||||
Db 17 CAGATCTAGAAAAGAG 1

RESULT 530
US-08-540-448-23
Sequence 23, Application US/08540448
Patent No. 5786145
GENERAL INFORMATION:
APPLICANT: KARN, JONATHAN
APPLICANT: GAIT, MICHAEL J.
APPLICANT: HEAPHY, SHAUN
APPLICANT: DINGWALL, COLIN
TITLE OF INVENTION: VIRAL GROWTH INHIBITION
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/540,448
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/030,102
FILING DATE: 18-MAR-1993
APPLICATION NUMBER: GB 9020541.0
FILING DATE: 20-SEP-1990
ATTORNEY/AGENT INFORMATION:
NAME: Oslon, No. 5786145man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 3077-007-0 PCT

Db 1 TGAGGTTCTCATTGGAG 17
RESULT 532
US-08-410-540-23/c
; Sequence 23, Application US/08410540
; Patent No. 5807678
; GENERAL INFORMATION:
; APPLICANT: Miller, Walter L.
; APPLICANT: Lin, Dong
; APPLICANT: Straus III, Jerome F.
; TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
; TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/410,540
; FILING DATE: 23-MAR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard L.
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-238/00US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415 853 5070
; TELEFAX: 415 857 0663
; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-410-540-23
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 501 GCAGATTGGCCAGTTT 517
Db 18 GTAGATTGCCAGTTT 2
RESULT 533
US-08-410-950B-23
; Sequence 23, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-08-541-950B-23
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;
QY 713 AGCCAAATTCAGAGCT 730
Db 1 AGCCAGANUUGAGCAGCU 18
RESULT 534
US-08-541-950B-24
; Sequence 24, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 24:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-08-541-950B-24
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTTCAGGAGCT 730
DB 1 AGCCAGAUUGAGCAGCU 18

RESULT 535
US-08-541-950B-25
; Sequence 25, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA: 07/960,370
; APPLICATION NUMBER: 03/19/93
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (WRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: N is 4-thio-2'-deoxythymidine
US-08-541-950B-25
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 61.1%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTTCAGGAGCT 730
DB 1 AGCCAGAUUGAGCAGCU 18

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RESULT 536
US-08-585-684B-2685/c
; Sequence 2685, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA: 60/000,951
; APPLICATION NUMBER: July 7, 1995
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2685:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-2685
Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 768 GAACGTGAGAGAGAGTG 784
DB 17 GCACGTGAGCAGCAGTG 1

RESULT 537
US-08-857-946-25
; Sequence 25, Application US/08857946
; Patent No. 5994075
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 75 State Street
; CITY: Boston
; STATE: Massachusetts

```



```

; COUNTRY: USA
; ZIP: 02109-1807
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/857,946
; FILING DATE: 16-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/05573
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-857-946-25

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTTGAAGGA 256
Db 2 GCTCTGCACATGAAGGA 18

RESULT 538
US-09-106-038A-76
; Sequence 76, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:

```

```

; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-106-038A-76

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CTCGGCTGCCCTGC 436
Db 2 CTCCTGCTTGCCCTGC 18

RESULT 539
US-08-970-740-25
; Sequence 25, Application US/08970740
; Patent No. 6015670
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 28 State Street, 28th Floor
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,740
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/857,946
; FILING DATE: 16-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/59829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-227-7111
; TELEFAX: 617-227-4399
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-970-740-25

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTTGAAGGA 256
Db 2 GCTCTGCACATGAAGGA 18

RESULT 540
US-08-545-860D-15/C
; Sequence 15, Application US/08545860D

```

Patent No. 6040140
GENERAL INFORMATION:
APPLICANT: Croce, Carlo
APPLICANT: Canaani, Eli
TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
TITLE OF INVENTION: For Detection and Treatment of Acute Leukemias
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1 Region
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
ADDRESSEE: No. 6040140-15
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/545,860D
FILING DATE: 07-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/04496
FILING DATE: 22-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10930
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA: US 08/327,392
FILING DATE: 19-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/320,559
FILING DATE: 11-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,443
FILING DATE: 14-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/971,094
FILING DATE: 30-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/888,839
FILING DATE: 27-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/805,093
FILING DATE: 11-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca Esq., Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1262
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: NO
US-08-545-860D-15

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAGAG 782
DB 17 CAGATCTAGAAAAG 1

RESULT 541
US-09-205-143-74
Sequence 74, Application US/09205143
Patent No. 6107091
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
FILE REFERENCE: RTS-0032
CURRENT APPLICATION NUMBER: US/09/205,143
CURRENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 74
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-74

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 838 GTACCAGAACACAGCCC 854
DB 1 GTCCAGAACCCCTGCC 17

RESULT 542
US-09-280-409-114/c
Sequence 114, Application US/09280409
Patent No. 6107092
GENERAL INFORMATION:
APPLICANT: Lex M. Cowser
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
FILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 114
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-114

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 683 TGGATCTGCACACCGCT 699
DB 18 TGTATCTGCAACCTCT 2

RESULT 543
US-09-083-756A-23
Sequence 23, Application US/09083756A
Patent No. 6114109
GENERAL INFORMATION:
APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center, 45th Floor
CITY: Boston
STATE: MA
ZIP: 02111

RESULT 544
US-09-083-756A-24
; Sequence 24, Application US/09083756A
; Patent No. 6114109
; GENERAL INFORMATION:
; APPLICANT: Karm J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,756A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/541,950
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-011AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 24:

713 AGCCAAATTCAGGAGCT 730
|||||::|
1 AGCCAGATTGAGCAGCT 18

```

; EARLIER APPLICATION NUMBER: 08/540,448
; EARLIER FILING DATE: 1995-10-10
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
; OTHER INFORMATION: derived from HIV RRE sequence
US-08-929-939-23

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 70.6%; Pred. No. 5.1e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      728 GTCGCGGTACAGTGTAG 744
Db      1 GTCGCGGTACAGTGTAG 17

RESULT 549
US-09-474-922A-40/c
; Sequence 40, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-40

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      316 AAGACTGCAGAGAGCT 332
Db      17 AAGATGGACAGAGCT 1

RESULT 550
US-09-474-922A-44
; Sequence 44, Application US/09474922A
; Patent No. 6187586
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; APPLICANT: Richard A. Roth
; TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-3 EXPRESSION
; FILE REFERENCE: RTS-0036
; CURRENT APPLICATION NUMBER: US/09/474,922A
; CURRENT FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-44

; EARLIER APPLICATION NUMBER: 08/540,448
; EARLIER FILING DATE: 1995-10-10
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
; OTHER INFORMATION: derived from HIV RRE sequence
US-08-929-939-23

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      325 GAGAGCTGTGGAGCAA 341
Db      2 GAGCAGCTCTGGAGAAA 18

RESULT 548
US-08-929-939-23
; Sequence 23, Application US/08929939A
; Patent No. 6153382
; GENERAL INFORMATION:
; APPLICANT: Karn
; APPLICANT: Gait
; APPLICANT: Heaphy
; APPLICANT: Dingwall
; TITLE OF INVENTION: Viral Growth Inhibition
; FILE REFERENCE: Karn950.39192
; CURRENT APPLICATION NUMBER: US/08/929,939A
; CURRENT FILING DATE: 1997-09-15

; EARLIER APPLICATION NUMBER: 08/540,448
; EARLIER FILING DATE: 1995-10-10
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
; OTHER INFORMATION: derived from HIV RRE sequence
US-08-929-939-23

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      325 GAGAGCTGTGGAGCAA 341
Db      2 GAGCAGCTCTGGAGAAA 18

RESULT 548
US-08-929-939-23
; Sequence 23, Application US/08929939A
; Patent No. 6153382
; GENERAL INFORMATION:
; APPLICANT: Karn
; APPLICANT: Gait
; APPLICANT: Heaphy
; APPLICANT: Dingwall
; TITLE OF INVENTION: Viral Growth Inhibition
; FILE REFERENCE: Karn950.39192
; CURRENT APPLICATION NUMBER: US/08/929,939A
; CURRENT FILING DATE: 1997-09-15
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Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 539 TCTTCTGACTCTGTAG 555
      |||||
Db 1 TCTTCTGCTCTGCAG 17

RESULT 551
US-09-038-073-2685/c
; Sequence 2685, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2685:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-2685

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 768 GAACTGGAGAGAGTG 784
      |||||
Db 17 GCACTGGAGCAGCAGTG 1

RESULT 552
US-08-584-040-6265/c
; Sequence 6265, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James

```

```

; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 6265:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-6265

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 947 GAGTCACAGCTGGCA 963
      |||||
Db 18 GAGACCACAGCAGGCA 2

RESULT 553
US-09-167-109-13
; Sequence 13, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```
; OTHER INFORMATION: antisense sequence
US-09-167-109-13

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      482 CATTCTCAGGACTTAA 498
Db      2 CATTCTCGGGTCTCA 18
|||||

RESULT 554
US-09-268-544B-34/C
; Sequence 34, Application US/09268544B
; Patent No. 6410710
; GENERAL INFORMATION:
; APPLICANT: Lederman, Seth
; TITLE OF INVENTION: TRAP-3 Deletion Isoforms And Uses Thereof
; FILE REFERENCE: 0575-58732
; CURRENT APPLICATION NUMBER: US/09/268,544B
; CURRENT FILING DATE: 1999-03-11
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human
US-09-268-544B-34

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      574 CGCTGCTCAGGTGTCT 590
Db      17 CCCTGCTCACCTGTGT 1
|||||

RESULT 555
US-09-920-760-43/C
; Sequence 43, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-43

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      716 CAAATTCAGGAGCTGC 732
Db      18 CAAGCCTCAGGAGCTGC 2
|||||

RESULT 556
US-09-920-760-63
; Sequence 63, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-63

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      772 TGGAGAGAGAGTGTGTGAG 788
Db      2 TGGAGAGAGAGTGTGTG 18
|||||

RESULT 557
US-09-422-978-4727
; Sequence 4727, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4727
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-17363 for SEQ 793,
US-09-422-978-4727

Query Match      1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      772 TGGAGAGAGAGTGTGTGAG 788
Db      2 TGGAGAGAGAGTGTGTG 18
|||||

RESULT 558
US-09-422-978-7466/C
; Sequence 7466, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
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; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7466
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-5098 for SEQ 3532,
US-09-422-978-7466

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 902 GTATTTTAAGTGAAGAAG 918
| | | | | | | | | | | | | | | | | |
Db 18 GGATGTTAGGTGAAGAAG 2

RESULT 559
US-09-422-978-8004/c
; Sequence 8004, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8004
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-13133 for SEQ 139, in compleme
US-09-422-978-8004

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 741 GTAGCTTGGTCCTTAA 757
| | | | | | | | | | | | | | | | | |
Db 18 GTAGACTCGGTGCTTAA 2

RESULT 560
US-09-371-772B-3023/c
; Sequence 3023, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3023
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3023

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 947 GAGTCAACAGCTGGGCA 963
| | | | | | | | | | | | | | | | | |
Db 18 GAGACCACAGCAGGGCA 2

RESULT 561
US-09-325-601-3
; Sequence 3, Application US/09325601
; Patent No. 6573045
; GENERAL INFORMATION:
; APPLICANT: Karn
; APPLICANT: Prescott
; TITLE OF INVENTION: Methods and Kits for Discovery of RNA-Binding Compounds
; FILE REFERENCE: 3950/81235
; CURRENT APPLICATION NUMBER: US/09/325,601
; CURRENT FILING DATE: 1999-06-03
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-09-325-601-3

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 64.7%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 713 AGCCAAATTCAGGAGC 729
| | | | | | | | | | | | | | | | | |
Db 1 AGCCAGAUUUGAGCAGC 17

RESULT 562
US-09-866-028-86/c
; Sequence 86, Application US/09866028
; Patent No. 6643360
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin
; APPLICANT: Botstein, David
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul
; APPLICANT: Grimaldi, Christopher
; APPLICANT: Gurney, Austin
; APPLICANT: Hillan, Kenneth
; APPLICANT: Kijavini, Ivar
; APPLICANT: Napier, Mary

```

; APPLICANT: Roy, Margaret
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P2548P1C1
; CURRENT APPLICATION NUMBER: US/09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 120
; SEQ ID NO 86
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-866-028-86

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CCCACACGACGGATCC 572
DB 18 CCACAGACGAGGACCC 2

RESULT 563
PCN-US94-04496-15/c
; Sequence 15, Application PC/TUS9404496
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; APPLICANT: Canani, Eli
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
; ADDRESSEE: Norris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: PCT/US94/04496
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca Esq., Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: T9U-1242
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: No
; PCT-US94-04496-15

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 766 CAGAACTGGAGAGAAG 782
DB 17 CAGATCTAGAAAAGAAG 1

RESULT 564
5176995-14/c
; Patent No. 5176995
; APPLICANT: SNINSJY, JOHN J.; KWOK, SHIRLEY Y.; MACK, DAVID H.;
; ERLICH, HENRY A.; MULLIS, KART B.
; TITLE OF INVENTION: DETECTION OF VIRUSES BY AMPLIFICATION
; AND HYBRIDIZATION
; NUMBER OF SEQUENCES: 22
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/394,145
; FILING DATE: 15-AUG-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 934,955
; FILING DATE: 26-NOV-1986
; APPLICATION NUMBER: 818,127
; FILING DATE: 10-JAN-1986
; APPLICATION NUMBER: 828,144
; FILING DATE: 07-FEB-1986
; APPLICATION NUMBER: 824,044
; FILING DATE: 30-JAN-1986
; APPLICATION NUMBER: 791,308
; FILING DATE: 25-OCT-1985
; APPLICATION NUMBER: 716,975
; FILING DATE: 28-MAR-1985
; SEQ ID NO:14:
; LENGTH: 18
5176995-14

Query Match 1.5%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 591 TACTTCGGTGGCGGT 607
DB 17 TACTACAGGTGGCAGCT 1

RESULT 565
US-08-261-822A-61/c
; Sequence 61, Application US/08261822A
; Patent No. 5650553
; GENERAL INFORMATION:
; APPLICANT: Ecker, Joseph R. et al.
; TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
; TITLE OF INVENTION: and Pathogens
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/261,822A
; FILING DATE: 17-JUN-1994
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100

```


TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-08-261-822A-61

Query Match 1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 588 TCTTACTCCGGTGGCG 604
|||||
DB 17 TCTTACATGCAGTGGCG 1

RESULT 566

PCT-US95-07744A-61/c
Sequence 61, Application PC/TUS9507744A
GENERAL INFORMATION:
APPLICANT: Trustees of The University of Pennsylvania
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
and Pathogens
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07744A
FILING DATE: 15-JUNE-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/261,822
FILING DATE: June 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US95-07744A-61

Query Match 1.5%; Score 12.2; DB 1; Length 19;
Best Local Similarity 82.4%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 588 TCTTACTCCGGTGGCG 604
|||||
DB 17 TCTTACATGCAGTGGCG 1

RESULT 567

US-09-040-025-26
Sequence 26, Application US/09040025
GENERAL INFORMATION:
APPLICANT: Borchert, Torben
Cherry, Joel
Kretschmar, Titus
TITLE OF INVENTION: Shuffling of Heterologous DNA Sequences
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: Novo Nordisk of North America
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10017

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/040,025
FILING DATE: 17-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Gregg, Valeta A
REGISTRATION NUMBER: 35,127
REFERENCE/DOCKET NUMBER: 5113.200-US

TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-040-025-26
Query Match 1.4%; Score 12; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 392 GGGCACACACCC 405
|||||
DB 1 GCGCACACACCC 14

RESULT 568

US-09-040-025-26
Sequence 26, Application US/09040025
Patent No. 6117637
GENERAL INFORMATION:
APPLICANT: Borchert, Torben
Cherry, Joel
Kretschmar, Titus
TITLE OF INVENTION: Shuffling of Heterologous DNA Sequences
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6117637o No. 6117637disk of No. 6117637th America
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10017
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/040.025
FILING DATE: 17-MAR-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gregg, Valeta A
REGISTRATION NUMBER: 35,127
REFERENCE/DOCKET NUMBER: 5113.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
TELEX:
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-040-025-26

Query Match 1.4%; Score 12; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 392 GGGCACACACCC 405
DB 1 GCGCACACASACCC 14

RESULT 569
US-09-040-025-28/c
Sequence 28, Application US/09040025
Patent No. 6117637
GENERAL INFORMATION:
APPLICANT: Borchert, Torben
APPLICANT: Kretschmar, Titus
APPLICANT: Cherry, Joel
TITLE OF INVENTION: Shuffling of Heterologous DNA Sequences
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6117637o No. 6117637disk of No. 6117637th America
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10017
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/040.025
FILING DATE: 17-MAR-1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Gregg, Valeta A
REGISTRATION NUMBER: 35,127
REFERENCE/DOCKET NUMBER: 5113.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
TELEX:

INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-040-025-28

Query Match 1.4%; Score 12; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 3.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 392 GGGCACACACCC 405
DB 14 GCGCACACASACCC 1
RESULT 570
US-09-040-025-28/c
Sequence 28, Application US/09040025
GENERAL INFORMATION:
APPLICANT: Borchert, Torben
APPLICANT: Kretschmar, Titus
APPLICANT: Cherry, Joel
TITLE OF INVENTION: Shuffling of Heterologous DNA Sequences
NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: Novo Nordisk of North America
STREET: 405 Lexington Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10017
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/040.025
FILING DATE: 17-MAR-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Gregg, Valeta A
REGISTRATION NUMBER: 35,127
REFERENCE/DOCKET NUMBER: 5113.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-040-025-28

Query Match 1.4%; Score 12; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 392 GGGCACACACCC 405
DB 14 GCGCACACASACCC 1

RESULT 571
US-08-182-968A-417/c
Sequence 417, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700

CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/182,968A
 FILING DATE: 13-JANUARY-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/882,888
 FILING DATE: 14-MAY-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 205/277
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 417:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-182-968A-417

Query Match 1.4%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 711 ATAGCCAAATT 722
 Db 15 ATAGCCAAATT 4

RESULT 572
 US-08-182-968A-419/c
 ; Sequence 419, Application US/08182968A
 ; Patent No. 5610054
 ; GENERAL INFORMATION:
 ; APPLICANT: Draper, Kenneth G.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING HEPATITIS C
 ; TITLE OF INVENTION: VIRUS REPLICATION
 ; NUMBER OF SEQUENCES: 497
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/182,968A
 ; FILING DATE: 13-JANUARY-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 07/882,888
 ; FILING DATE: 14-MAY-1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 205/277
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 419:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-182-968A-419

Query Match 1.4%; Score 12; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 4.1e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 708 CCCATAGCCAAA 719
 Db 12 CCCATAGCCAAA 1

RESULT 573
 US-08-291-932A-350
 ; Sequence 350, Application US/08291932A
 ; Patent No. 5658780
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; TITLE OF INVENTION: NF-KB
 ; NUMBER OF SEQUENCES: 830
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/291,932A
 ; FILING DATE: August 15, 1994
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; PRIOR APPLICATION DATA: including application
 ; PRIOR APPLICATION DATA: described below:
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/157
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 350:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid

Two

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-350
Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 4.1e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 403 CCTGTCTCCAGC 414
Db 1 CCUGUCCAGC 12

RESULT 574
US-08-774-306A-417/c
; Sequence 417, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774.306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 417:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-419

Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 CCCATAGCCAAA 719
Db 12 CCCATAGCCAAA 1

RESULT 576
US-09-064-156A-417/c
; Sequence 417, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/774.306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 417:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-774-306A-417

Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 ATAGCCAAATT 722
Db 15 ATAGCCAAATT 4

RESULT 575
US-08-774-306A-419/c
; Sequence 419, Application US/08774306A
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; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 417:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-417

Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 711 ATAGCCAAATTT 722
DB 15 ATAGCCAAATTT 4

RESULT 577
US-09-064-156A-419/c
; Sequence 419, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
```

```
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 419:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-419

Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 CCCATAGCCAAA 719
DB 12 CCCATAGCCAAA 1

RESULT 578
US-09-230-652-4
; Sequence 4, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; US-09-230-652-4

Query Match 1.4%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 846 ACACAGCCCCCCC 857
DB 4 ACACAGCCCCCCC 15

RESULT 579
US-08-419-414-13/c
; Sequence 13, Application US/08419414
; Patent No. 5753787
; GENERAL INFORMATION:
; APPLICANT: Hawdon, John M.
; APPLICANT: Hotez, Peter J.
; APPLICANT: Jones, Brian F.
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/ TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
/ TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
/ NUMBER OF SEQUENCES: 31
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90017
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
/ SOFTWARE: WordPerfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/146,504
/ FILING DATE: No. 5605662member 1, 1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 203/218
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-146-504-22

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 771 CTGGAGAGAG 782
Db 17 CTGGAGAGAG 6

RESULT 583
US-08-725-976-22/c
/ Sequence 22, Application US/08725976
/ Patent No. 5929208
/ GENERAL INFORMATION:
/ APPLICANT: Heller, Michael J.; and Tu, Eugene
/ TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
/ NUMBER OF SEQUENCES: 31
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: WINDOWS (VERSION 3.0)
/ SOFTWARE: WordPerfect (Version 6.0)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/725,976
/ FILING DATE: October 4, 1996

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/ CLASSIFICATION: 422
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below:
/ APPLICATION NUMBER: 08/146,504
/ FILING DATE: No. 5929208member 1, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Murphy, David B.
/ REGISTRATION NUMBER: 31,125
/ REFERENCE/DOCKET NUMBER: 222/211
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-725-976-22

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 771 CTGGAGAGAG 782
Db 17 CTGGAGAGAG 6

RESULT 584
US-08-256-426B-50/c
/ Sequence 50, Application US/08256426B
/ Patent No. 5948611
/ GENERAL INFORMATION:
/ APPLICANT: Prockop, Darwin J.
/ APPLICANT: Ala-Kokko, Leena
/ APPLICANT: Williams, Charlene J.
/ APPLICANT: Ritvaniemi, Pertti
/ APPLICANT: Baldwin, Clinton
/ APPLICANT: Hopkinson, Ian
/ APPLICANT: Ahmad, Nilofar Nina
/ TITLE OF INVENTION: Methods of Detecting A Genetic
/ CORRESPONDENCE ADDRESS:
/ NUMBER OF SEQUENCES: 293
/ ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611iris
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows 3.1
/ SOFTWARE: WORDPERFECT 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/256,426B
/ FILING DATE: 03-FEB-1995
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US93/10964
/ FILING DATE: 12-NOV-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/977,284
/ FILING DATE: 13-NOV-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mark DeLuca
/ REGISTRATION NUMBER: 33,229
/ REFERENCE/DOCKET NUMBER: TLU-1082
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100

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TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-08-256-426B-50

Query Match
1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 308 GCATGGGGAAGA 319
Db 13 GCATGGGGAAGA 2

RESULT 585
US-08-271-882B-22/c
; Sequence 22, Application US/08271882B
; Patent No. 6017696
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; APPLICANT: Eugene Tu
; APPLICANT: Glen A. Evans
; APPLICANT: Ronald G. Sosnowski
; TITLE OF INVENTION: SELF-ADDRESSABLE
; TITLE OF INVENTION: SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; TITLE OF INVENTION: AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 6017696member 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic
; TYPE: acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-271-882B-22

Query Match
1.4%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 771 CTGGAGAAGAAG 782
Db 17 CTGGAGAAGAAG 6

RESULT 586
US-09-121-920-18
; Sequence 18, Application US/09121920
; Patent No. 6066460
; GENERAL INFORMATION:
; APPLICANT: Kirschner, Mark W.
; APPLICANT: Kinoshita, No. 6066460iyuki
; TITLE OF INVENTION: METHOD FOR CLONING SECRETED PROTEINS
; FILE REFERENCE: HMV-022.01
; CURRENT APPLICATION NUMBER: US/09/121,920
; EARLIER FILING DATE: 1998-07-24
; EARLIER APPLICATION NUMBER: 60/053,586
; EARLIER FILING DATE: 1998-07-24
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: primer
US-09-121-920-18

Query Match
1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 840 ACCAGAACACAG 851
Db 2 ACCAGAACACAG 13

RESULT 587
US-08-726-278-22/c
; Sequence 22, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-22

Query Match
1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 771 CTGGAGAAGAAG 782
Db 17 CTGGAGAAGAAG 6
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RESULT 588
US-09-135-020-7/c
; Sequence 7, Application US/09135020
; Patent No. 6274332
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/135,020
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-020-7

Query Match
Best Local Similarity 1.4%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496
Db 13 TCCTCAGGATCT 2

RESULT 589
US-09-135-010A-7/c
; Sequence 7, Application US/09135010A
; Patent No. 6277978
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/135,010A
; CURRENT FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-010A-7

Query Match
Best Local Similarity 1.4%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496
Db 13 TCCTCAGGATCT 2

RESULT 590
US-09-444-871-7/c
; Sequence 7, Application US/09444871
; Patent No. 6323026
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,871
; CURRENT FILING DATE: 1999-11-22
; EARLIER APPLICATION NUMBER: US/09/135,020
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-871-7

Query Match
Best Local Similarity 1.4%; Score 12; DB 1; Length 17;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496
Db 13 TCCTCAGGATCT 2

RESULT 591
US-09-597-735-7/c
; Sequence 7, Application US/09597735
; Patent No. 6420124
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,735
; CURRENT FILING DATE: 2000-06-19
; EARLIER APPLICATION NUMBER: 09/135,010
; EARLIER FILING DATE: 1998-08-17
; EARLIER APPLICATION NUMBER: 60/094,477
; EARLIER FILING DATE: 1998-07-29
; EARLIER APPLICATION NUMBER: 08/921,068
; EARLIER FILING DATE: 1997-08-29
; EARLIER APPLICATION NUMBER: 08/739,383
; EARLIER FILING DATE: 1996-10-29
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; EARLIER APPLICATION NUMBER: 60/019,014
; EARLIER FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-735-7

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496
| | | | | | | | | | | | | | | | | | | | |
Db 13 TCCTCAGGATCT 2

RESULT 592

US-09-444-295-7/c
; Sequence 7, Application US/09444295
; Patent No. 6432644
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN THE KCNE1 GENE ENCODING HUMAN MINK WHICH
; TITLE OF INVENTION: CAUSE ARRHYTHMIA SUSCEPTIBILITY THEREBY ESTABLISHING
; TITLE OF INVENTION: KCNE1 AS AN LQT GENE
; FILE REFERENCE: 2323-131
; CURRENT APPLICATION NUMBER: US/09/444,295
; CURRENT FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/135,020
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-444-295-7

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496
| | | | | | | | | | | | | | | | | | | | |
Db 13 TCCTCAGGATCT 2

RESULT 593

US-09-597-732-7/c
; Sequence 7, Application US/09597732
; Patent No. 6451534
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE

; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,732
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-732-7

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496
| | | | | | | | | | | | | | | | | | | | |
Db 13 TCCTCAGGATCT 2

RESULT 594

US-09-597-731-7/c
; Sequence 7, Application US/09597731
; Patent No. 6582913
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQT1 - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-133
; CURRENT APPLICATION NUMBER: US/09/597,731
; CURRENT FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-597-731-7

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 TCCTCAGGATCT 496
| | | | | | | | | | | | | | | | | | | | |
Db 13 TCCTCAGGATCT 2

RESULT 595

US-09-866-108A-1757

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RESULT 596
US-/09-866-108A-1763
/ Sequence 1763, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRES
/ FILE REFERENCE: A6MICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04

```

```

? Patent No. 6696188
?
? GENERAL INFORMATION:
?
? APPLICANT: GU, Yizhong
? APPLICANT: JI, Yonggang
? APPLICANT: PENN, Shaaron G.
? APPLICANT: HANZEL, David K.
? APPLICANT: RANK, David R.
? APPLICANT: CHEN, Wensteng
? APPLICANT: SHANNON, Mark
?
? TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
?
? FILE REFERENCE: AEMICA-7
?
? CURRENT APPLICATION NUMBER: US/09/866,108A
?
? CURRENT FILING DATE: 2001-05-25
?
? PRIOR APPLICATION NUMBER: US 60/207,456
?
? PRIOR FILING DATE: 2000-05-26
?
? PRIOR APPLICATION NUMBER: GB 24263.6
?
? PRIOR FILING DATE: 2000-10-04
?
? PRIOR APPLICATION NUMBER: US 60/236,359
?
? PRIOR FILING DATE: 2000-09-27
?
? PRIOR APPLICATION NUMBER: PCT/US01/00666
?
? PRIOR FILING DATE: 2001-01-30
?
? PRIOR APPLICATION NUMBER: PCT/US01/00667
?
? PRIOR FILING DATE: 2001-01-30
?
? PRIOR APPLICATION NUMBER: PCT/US01/00664
?
? PRIOR FILING DATE: 2001-01-30
?
? PRIOR APPLICATION NUMBER: PCT/US01/00669
?
? PRIOR FILING DATE: 2001-01-30
?
? PRIOR APPLICATION NUMBER: PCT/US01/00665
?
? PRIOR FILING DATE: 2001-01-30
?
? PRIOR APPLICATION NUMBER: PCT/US01/00668
?
? PRIOR FILING DATE: 2001-01-30
?
? PRIOR APPLICATION NUMBER: PCT/US01/00663
?
? PRIOR FILING DATE: 2001-01-30
?
? Remaining Prior Application data removed - See File Wrapper or PALM.
? NUMBER OF SEQ ID NOS: 15755

```

SOFTWARE: Aecomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 7672
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-7672

Query Match 1.4%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 771 CTGAGAAGAG 782
 |||||
 Db 2 CTGAGAAGAG 13

RESULT 598
 US-09-866-108A-7673
 Sequence 7673, Application US/09866108A
 Patent No. 6686188

GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AECOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aecomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 7673
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-7673

Query Match 1.4%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 771 CTGAGAAGAG 782
 |||||
 Db 1 CTGAGAAGAG 12

RESULT 599
 US-09-866-108A-7673

US-09-866-108A-7790/c
 Sequence 7790, Application US/09866108A
 Patent No. 6686188
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AECOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aecomica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 7790
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-7790

Query Match 1.4%; Score 12; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 827 TGCTGAGCTGG 838
 |||||
 Db 17 TGCTGAGCTGG 6

RESULT 600
 US-09-866-108A-7791/c
 Sequence 7791, Application US/09866108A
 Patent No. 6686188

GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AECOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6

US-09-866-108A-7791/c
 Sequence 7791, Application US/09866108A
 Patent No. 6686188

GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AECOMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6

;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 7791
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-7791

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 827 TGCTGAAGCTGG 838
|||||
Db 16 TGCTGAAGCTGG 5

RESULT 601
5451505-4
;; Patent No. 5451505
;; APPLICANT: DOLLINGER, GAVIN D.
;; TITLE OF INVENTION: METHODS FOR TAGGING AND TRACING
;; MATERIALS WITH NUCLEIC ACIDS
;; NUMBER OF SEQUENCES: 4
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/887,424
;; FILING DATE: 21-MAY-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 355,445
;; FILING DATE: 22-MAY-1989
;; SEQ ID NO:4
;; LENGTH: 17
5451505-4

Query Match 1.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAG 782
|||||
Db 1 CTGGAGAAGAG 12

RESULT 602
US-08-146-504-8
;; Sequence 8, Application US/08146504
;; Patent No. 5605662
;; GENERAL INFORMATION:
;; APPLICANT: Heller, Michael J.; and Tu, Eugene
;; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
;; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
;; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
;; TITLE OF INVENTION: DIAGNOSTICS
;; NUMBER OF SEQUENCES: 31

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 611 West Sixth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: USA
;; ZIP: 90017
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; COMPUTER: IBM compatible
;; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
;; SOFTWARE: WordPerfect (Version 5.1)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/146,504
;; FILING DATE: No. 5605662ember 1, 1993
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 203/218
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-146-504-8

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGGAGAAGAG 782
|||||
Db 1 CTGGAGAAGAG 12

RESULT 603
US-08-602-093-16/c
;; Sequence 16, Application US/08602093
;; Patent No. 5837535
;; GENERAL INFORMATION:
;; APPLICANT: Joseph, Rajiv
;; APPLICANT: Dou, Dexian
;; TITLE OF INVENTION: A NOVEL NEURONAL-NEONATAL GENE:
;; TITLE OF INVENTION: NEURONATIN
;; NUMBER OF SEQUENCES: 23
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Kohn & Associates
;; STREET: 30500 No. 5837535thwestern Hwy.
;; CITY: Farmington Hills
;; STATE: Michigan
;; COUNTRY: US
;; ZIP: 48334
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/602,093
;; FILING DATE:
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:

NAME: Kohn, Kenneth I.
REGISTRATION NUMBER: 30,995
REFERENCE/DOCKET NUMBER: 1059.00015
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 539-5050
TELEFAX: (810) 539-5055
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-602-093-16

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 262 ACAGAGCACCT 273
DB 13 ACAGAGCACCT 2

RESULT 604

US-08-725-976-8
Sequence 8, Application US/08725976
Patent No. 5929208

GENERAL INFORMATION:
APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: WINDOWS (VERSION 3.0)
SOFTWARE: Wordperfect (Version 6.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/725,976
FILING DATE: October 4, 1996
CLASSIFICATION: 422
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application described below:
APPLICATION NUMBER: 08/146,504
FILING DATE: No. 5929208ember 1, 1993

ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 222/211
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-725-976-8

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 771 CTGAGAGAAG 782

DB 1 CTGAGAGAAG 12

RESULT 605

US-09-213-767-29
Sequence 29, Application US/09213767
Patent No. 5948680
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
FILE REFERENCE: RTS-0024
CURRENT APPLICATION NUMBER: US/09/213,767
CURRENT FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-29

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 220 CTCGAGAAGTGA 231

DB 4 CTCGAGAAGTGA 15

RESULT 606

US-09-197-008-31
Sequence 31, Application US/09197008
Patent No. 5977341

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
FILE REFERENCE: RTS-0019
CURRENT APPLICATION NUMBER: US/09/197,008
CURRENT FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 31
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-008-31

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 245 GCTCTTGAAGGA 256

DB 3 GCTCTTGAAGGA 14

RESULT 607

US-08-271-882B-8
Sequence 8, Application US/08271882B
Patent No. 6017696

GENERAL INFORMATION:
APPLICANT: Michael J. Heller
APPLICANT: Eugene Tu
APPLICANT: Glen A. Evans
APPLICANT: Ronald G. Sosnowski
TITLE OF INVENTION: SELF-ASSEMBLING

; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; TITLE OF INVENTION: AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 6017696emder 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic
; STRANDEDNESS: single
; TOPOLOGY: linear
; ORGANISM: Artificial Sequence
US-08-271-882B-8
Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 771 CTGGAGAGAGAG 782
Db 1 CTGGAGAGAGAG 12
RESULT 608
US-08-726-278-8
; Sequence 8, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271,882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-8
Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 771 CTGGAGAGAGAG 782
Db 1 CTGGAGAGAGAG 12
RESULT 609
US-09-172-045-25
; Sequence 25, Application US/09172045
; Patent No. 6277594
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Aruga, Jun
; APPLICANT: Nagai, Takeharu
; APPLICANT: Nakata, Katsunori
; TITLE OF INVENTION: Neurogenesis Inducing Gene
; FILE REFERENCE: Hiraki-03497
; CURRENT APPLICATION NUMBER: US/09/172,045
; CURRENT FILING DATE: 1998-10-08
; EARLIER APPLICATION NUMBER: JP98/86979
; EARLIER FILING DATE: 1998-03-31
; EARLIER APPLICATION NUMBER: JP98/121456
; EARLIER FILING DATE: 1998-04-30
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-172-045-25
Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 840 ACCAGAACACAG 851
Db 2 ACCAGAACACAG 13
RESULT 610
US-08-584-040-8403
; Sequence 8403, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8403:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8403

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 5.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 953 ACAGCTGGGCGAG 964
DB 5 ACAGCTGGGCGAG 16

RESULT 611
US-09-270-140A-27
Sequence 27, Application US/09270140A
Patent No. 6361941
GENERAL INFORMATION:
APPLICANT: Todd, Alison
APPLICANT: Fuery, Caroline
APPLICANT: Cairns, Murray
TITLE OF INVENTION: Catalytic Nucleic Acid base Diagnostic Methods
FILE REFERENCE: J&J1799
CURRENT APPLICATION NUMBER: US/09/270,140A
CURRENT FILING DATE: 1999-03-16
PRIOR APPLICATION NUMBER: 60/079,651
PRIOR FILING DATE: 1998-03-27
NUMBER OF SEQ ID NOS: 96
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 27
LENGTH: 18
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:mutant RNA for
OTHER INFORMATION: codon 41 of HIV 1 AZT resistance mutant with A to
OTHER INFORMATION: U or C.
US-09-270-140A-27

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 78.6%; Pred. No. 5.6e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 766 CAGACTGGGAG 779
DB 5 CAGAAUGGAAAG 18

RESULT 612
US-09-270-140A-65/C
Sequence 65, Application US/09270140A
Patent No. 6361941
GENERAL INFORMATION:
APPLICANT: Todd, Alison
APPLICANT: Fuery, Caroline
APPLICANT: Cairns, Murray
TITLE OF INVENTION: Catalytic Nucleic Acid base Diagnostic Methods
FILE REFERENCE: J&J1799
CURRENT APPLICATION NUMBER: US/09/270,140A
CURRENT FILING DATE: 1999-03-16
PRIOR APPLICATION NUMBER: 60/079,651
PRIOR FILING DATE: 1998-03-27
NUMBER OF SEQ ID NOS: 96
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 65
LENGTH: 18
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:antisense for
OTHER INFORMATION: HIV 1 AZT resistance Codon 41 mutant (A to U or C)
US-09-270-140A-65

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 766 CAGACTGGGAG 779
DB 14 CAGAAUGGAAAG 1

RESULT 613
US-09-504-358-29
Sequence 29, Application US/09504358
Patent No. 6365376
GENERAL INFORMATION:
APPLICANT: Rouviere, Pierre E.
APPLICANT: Brzostowicz, Patricia C.
TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
FILE REFERENCE: BCI001 US NA
CURRENT APPLICATION NUMBER: US/09/504,358
CURRENT FILING DATE: 2000-02-15
EARLIER APPLICATION NUMBER: 60/120,702
EARLIER FILING DATE: 1999-February-19
NUMBER OF SEQ ID NOS: 49
SOFTWARE: Microsoft Office 97
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
FEATURE:
NAME/KEY: unsure
LOCATION: (5)
OTHER INFORMATION: m stands for nucleotide base A or C
FEATURE:
NAME/KEY: unsure
LOCATION: (17)
OTHER INFORMATION: w stands for nucleotide base A or T
US-09-504-358-29

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGCTGCGGTA 736
DB 1 CAGGAGCTGCGGTA 14

RESULT 614

US-09-954-314-29
; Sequence 29, Application US/09954314
; Patent No. 6465224
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; APPLICANT: Brzostowicz, Patricia C.
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
; FILE REFERENCE: BC1001 US NA
; CURRENT APPLICATION NUMBER: US/09/954,314
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/120,702
; PRIOR FILING DATE: 1999-February-19
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; NAME/KEY: unsure
; LOCATION: (5)
; OTHER INFORMATION: m stands for nucleotide base A or C
; NAME/KEY: unsure
; LOCATION: (17)
; OTHER INFORMATION: w stands for nucleotide base A or T
US-09-954-314-29

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.6e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 723 CAGGAGTCGCGTA 736

DB 1 CAGGAGTCGCGTA 14

RESULT 615

US-09-342-325C-25
; Sequence 25, Application US/09342325C
; Patent No. 6500837
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Aruga, Jun
; APPLICANT: Nagai, Takeharu
; APPLICANT: Katsunori, Nakata
; TITLE OF INVENTION: Neurogenesis Inducing Gene
; FILE REFERENCE: HIRAKI-03814
; CURRENT APPLICATION NUMBER: US/09/342,325C
; CURRENT FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: JP98/86979
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: JP98/121456
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 09/172,045
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-342-325C-25

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 840 ACCAGACACAG 851

DB

2 ACCAGACACAG 13

RESULT 616

US-09-371-772B-4059
; Sequence 4059, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4059
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4059

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 91.7%; Pred. No. 5.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 953 ACAGCTGGCGAG 964

DB 5 ACAGCTGGCGAG 16

RESULT 617

US-09-738-444A-10/C
; Sequence 10, Application US/09738444A
; Patent No. 6660475
; GENERAL INFORMATION:
; APPLICANT: Jack, William E.
; APPLICANT: Schildkraut, Ira
; APPLICANT: Menin, Julie F.
; APPLICANT: Greenough, Lucia
; TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create
; FILE REFERENCE: NEB-180
; CURRENT APPLICATION NUMBER: US/09/738,444A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-738-444A-10

Query Match 1.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGA 328

DB 15 AGACTGCAGAGA 4

RESULT 618
 US-09-103-875-115
 ; Sequence 115, Application US/09103875A
 ; Patent No. 6221849
 ; GENERAL INFORMATION:
 ; APPLICANT: Szvf, Moshe
 ; APPLICANT: Bigey, Pascal
 ; APPLICANT: Ramchandani, Shyam
 ; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
 ; FILE REFERENCE: 106101.194
 ; CURRENT APPLICATION NUMBER: US/09/103,875A
 ; CURRENT FILING DATE: 1998-06-24
 ; EARLIER APPLICATION NUMBER: 60/069,865
 ; EARLIER FILING DATE: 1997-12-17
 ; EARLIER APPLICATION NUMBER: 08/866,340
 ; EARLIER FILING DATE: 1997-05-30
 ; NUMBER OF SEQ ID NOS: 138
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 115
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Oligonucleotide
 US-09-103-875-115

Query Match 1.4%; Score 12; DB 1; Length 20;
 Best Local Similarity 75.0%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 260 AGACAGGAGCCTTCAGAA 279
 |||||
 Db 1 AGCCATGACCAGCTTCAGCA 20

RESULT 619
 US-09-103-875-116/C
 ; Sequence 116, Application US/09103875A
 ; Patent No. 6221849
 ; GENERAL INFORMATION:
 ; APPLICANT: Szvf, Moshe
 ; APPLICANT: Bigey, Pascal
 ; APPLICANT: Ramchandani, Shyam
 ; TITLE OF INVENTION: DNA METHYLTRANSFERASE GENOMIC SEQUENCES AND ANTISENSE
 ; FILE REFERENCE: 106101.194
 ; CURRENT APPLICATION NUMBER: US/09/103,875A
 ; CURRENT FILING DATE: 1998-06-24
 ; EARLIER APPLICATION NUMBER: 60/069,865
 ; EARLIER FILING DATE: 1997-12-17
 ; EARLIER APPLICATION NUMBER: 08/866,340
 ; EARLIER FILING DATE: 1997-05-30
 ; NUMBER OF SEQ ID NOS: 138
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 116
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: Oligonucleotide
 US-09-103-875-116

Query Match 1.4%; Score 12; DB 1; Length 20;
 Best Local Similarity 75.0%; Pred. No. 6.6e+02;
 Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 260 AGACAGGAGCCTTCAGAA 279
 |||||
 Db 20 AGCCATGACCAGCTTCAGCA 1

RESULT 620
 US-07-907-710A-12
 ; Sequence 12, Application US/07907710A
 ; Patent No. 5359034
 ; GENERAL INFORMATION:
 ; APPLICANT: Skelly, Susan M.
 ; APPLICANT: Tackney, Charles T.
 ; APPLICANT: Snowwaert, John N.
 ; APPLICANT: Fowlkes, Dana M.
 ; TITLE OF INVENTION: Cysteine Depleted IL-6 Muteins
 ; NUMBER OF SEQUENCES: 14
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: ImClone Systems Incorporated
 ; STREET: 180 Varick Street
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 10014
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA: US/07/907,710A
 ; APPLICATION NUMBER: US/07/907,710A
 ; FILING DATE: 02-JUL-1992
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/724,698
 ; FILING DATE: 02-JUL-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Feic, Irving N.
 ; REGISTRATION NUMBER: 28,601
 ; REFERENCE/DOCKET NUMBER: SKE-1-P
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 212-645-1405
 ; TELEFAX: 212-645-2054
 ; INFORMATION FOR SEQ ID NO: 12:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-07-907-710A-12

Query Match 1.4%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 86.7%; Pred. No. 4.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 991 CATGTGAGAACGTAT 905
 |||||
 Db 1 CATGTCCGACGTAT 15

RESULT 621
 US-08-209-182C-12
 ; Sequence 12, Application US/08209182C
 ; Patent No. 5545537
 ; GENERAL INFORMATION:
 ; APPLICANT: Skelly, Susan M.
 ; APPLICANT: Tackney, Charles T.
 ; APPLICANT: Snowwaert, John N.
 ; APPLICANT: Fowlkes, Dana M.
 ; TITLE OF INVENTION: Cysteine Depleted IL-6 Muteins
 ; NUMBER OF SEQUENCES: 22
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: ImClone Systems Incorporated
 ; STREET: 180 Varick Street
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: United States


```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-319-492B-455

Query Match      1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      256 ACTTAGACAGAGCA 270
      | | | | | | | | | |
Db      15 AGTTAGTAGGAGCA 1

RESULT 624
US-08-241-372-14
; Sequence 14, Application US/08241372
; Patent No. 5631237
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; APPLICANT: Kameda, Yasufumi
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/241,372
; FILING DATE: 09-MAY-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-59079-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-241-372-14

Query Match      1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      812 CCTGGTACTGTGGG 826
      | | | | | | | | | |
Db      1 CCTGGTACTGTGGG 15

RESULT 625
US-08-334-847-556/c
; Sequence 556, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth

```

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; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 556:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-334-847-556

Query Match      1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      320 CTGCAGAGAGCTGT 334
      | | | | | | | | | |
Db      15 CTTCATAGAGCTGT 1

RESULT 626
US-08-363-240A-201/c
; Sequence 201, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Fape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363.240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 201:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-201

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 244 AGCTCTGAGGACT 258
DB 15 AGCTCTGAGGACT 1

RESULT 627
US-08-311-486C-42/c
Sequence 42, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF.
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166

two

APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-42

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 360 CTGTCAGAGAGCGT 374
DB 15 CAGGCAGAGAGCGT 1

RESULT 628
US-08-311-486C-157
Sequence 157, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisch
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF.
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166

two

Db 1 CCCTGGTACGTCGG 15

RESULT 630
US-08-292-620A-64/c
; Sequence 64, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-64

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 656 TGTCTCATGACGCT 670
Db 15 TGTCTCAACAGCT 1

RESULT 631
US-08-292-620A-416/c
; Sequence 416, Application US/08292620A

Db 1 CCCTGGTACGTCGG 15

RESULT 629
US-08-110-294A-8
; Sequence 8, Application US/08110294A
; Patent No. 5821234
; GENERAL INFORMATION:
; APPLICANT: D'azay, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; TITLE OF INVENTION: Smooth Muscle Cell
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Dr.
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,294A
; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/063,980
; FILING DATE: 19-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/944,882
; FILING DATE: 10-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 93,510-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-110-294A-8

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 CCCTGGTACTGTGGG 826

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; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 416:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-416

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 259 TAGCAGGAGCACCT 273
DB 15 TAGGCAGGAGCCCT 1

RESULT 632
US-08-389-926-8
; Sequence 6, Application US/08389926
; Patent No. 5869462
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; TITLE OF INVENTION: Smooth Muscle Cell
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:

; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 416:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-416

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 259 TAGCAGGAGCACCT 273
DB 15 TAGGCAGGAGCCCT 1

RESULT 632
US-08-389-926-8
; Sequence 6, Application US/08389926
; Patent No. 5869462
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; TITLE OF INVENTION: Smooth Muscle Cell
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:

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; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/EP97/00211
 ; FILING DATE: 17 Jan 1997
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: EP 96870005.4
 ; FILING DATE: 26 Jan 1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: EP 96870081.5
 ; FILING DATE: 25 Jun 1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: KAMMERER, PATRICIA A.
 ; REGISTRATION NUMBER: 29,775
 ; REFERENCE/DOCKET NUMBER: INNS:008
 ; INFORMATION FOR SEQ ID NO: 7:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHETICAL: NO
 ; ANTI-SENSE: NO
 ; US-08-913-833-7

Query Match 1.4%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 86.7%; Pred. No. 4.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 767 AGAAGTGGAGAGAA 781
 DB 1 AGAAGTGGAGAGAA 15

RESULT 634

US-09-071-845-64/c
 ; Sequence 64, Application US/09071845
 ; Patent No. 6132967

; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/071,845

; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/292,620
 ; FILING DATE: August 17, 1994
 ; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/149
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 64:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-071-845-64

Query Match 1.4%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 86.7%; Pred. No. 4.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 656 TGTTCATCCAGCT 670
 DB 15 TGTTCATCCAGCT 1

RESULT 635

US-09-071-845-416/c
 ; Sequence 416, Application US/09071845
 ; Patent No. 6132967

; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/071,845

; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/292,620
 ; FILING DATE: August 17, 1994
 ; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/149
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600


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;
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 416:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-416

Query Match      1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 259 TAGACAGGACCACT 273
Db 15 TAGCAGGAGCCCT 1

RESULT 636
US-09-176-320-2
; Sequence 2, Application US/09176320
; Patent No. 6172281
; GENERAL INFORMATION:
; APPLICANT: Van Mellaert, Herman
; APPLICANT: Botterman, Johan
; APPLICANT: Van Rie, Jeroen
; APPLICANT: Joos, Henk
; TITLE OF INVENTION: PREVENTION OF BT RESISTANCE DEVELOPMENT
; FILE REFERENCE: 021565-052
; CURRENT APPLICATION NUMBER: US/09/176,320
; CURRENT FILING DATE: 1998-10-22
; EARLIER APPLICATION NUMBER: PCT/EP90/00905
; EARLIER FILING DATE: 1990-05-30
; EARLIER APPLICATION NUMBER: GB 89401499.2
; EARLIER FILING DATE: 1989-05-31
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Bacillus thuringiensis
US-09-176-320-2

Query Match      1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 347 TGCCAGCGCAACT 361
Db 1 TGCCAGCGCAACT 15

RESULT 637
US-09-580-794C-7
; Sequence 7, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008-2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
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; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-580-794C-7

Query Match      1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 767 AGAACTGGAGAGAA 781
Db 1 AGAAATGGAGAGGA 15

RESULT 638
US-09-081-646-66
; Sequence 66, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 66
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-66

Query Match      1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACCTTCAG 277
Db 1 CATGAGCACCTCCAG 15

RESULT 639
US-09-081-646-672
; Sequence 672, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 672
; LENGTH: 15
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-672

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 813 CCGTACTGTCGGT 827
| | | | | | | | | | | | | | |
Db 1 CATGCTACTGTGGCT 15

RESULT 640

US-09-081-646-789
; Sequence 789, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081.646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047.352
; EARLIER FILING DATE: 1997-05-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 789
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-789

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 4.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGAGCACCTTCAG 277
| | | | | | | | | | | | | | |
Db 1 CATGAGCACCTCCAG 15

RESULT 641

US-09-474-432B-95
; Sequence 95, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474.432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064.866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084.727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186.675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301.511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 95
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-95

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 4.5e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGCTCC 157
| | | | | | | | | | | | | | |
Db 1 GGGAGCUGCAGCUUC 15

RESULT 642

US-09-476-387-95
; Sequence 95, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476.387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474.432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301.511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186.675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083.727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064.866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 95
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-95

Query Match 1.4%; Score 11.8; DB 1; Length 15;
Best Local Similarity 73.3%; Pred. No. 4.5e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGCTCC 157
| | | | | | | | | | | | | | |
Db 1 GGGAGCUGCAGCUUC 15

RESULT 643

PCT-US95-05420-14
; Sequence 14, Application PC/TUS9505420
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; APPLICANT: Kaneda, Yasufumi
; TITLE OF INVENTION: METHOD FOR IN VIVO DELIVERY OF
; TITLE OF INVENTION: THERAPEUTIC AGENTS VIA LIPOSOMES
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA

; ZIP: 94111-4187
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/05420
 ; FILING DATE: 28 April 1995
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Rowland, Bertram I
 ; REGISTRATION NUMBER: 20,015
 ; REFERENCE/DOCKET NUMBER: PP-59079-1/BIR
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 781-1989
 ; TELEFAX: (415) 398-3249
 ; TELEX: 910 277299
 ; INFORMATION FOR SEQ ID NO: 14:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: cDNA
 ; PCT-US95-05420-14

Query Match 1.4%; Score 11.8; DB 1; Length 15;
 Best Local Similarity 86.7%; Pred. No. 4.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 CCTGGTACTGCGG 826
 Db 1 CCTGGTACCGTGG 15

RESULT 644

US-08-292-620A-1548/c
 ; Sequence 1548, Application US/08292620A
 ; Patent No. 5837542

; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620A
 ; FILING DATE: August 17, 1994
 ; CLASSIFICATION: 435

; PRIOR APPLICATION DATA: including application
 ; PRIOR APPLICATION DATA: described below:

two

; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; APPLICATION NUMBER: 07/989,849
 ; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/149
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1548:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 16 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-292-620A-1548

Query Match 1.4%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 656 TGTCTCATGCAGCT 670
 Db 16 TGTCTCAACAGCT 2

RESULT 645

US-09-071-845-1548/c
 ; Sequence 1548, Application US/09071845
 ; Patent No. 6132957

; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390
 ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845
 ; FILING DATE:

CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620
 ; FILING DATE: August 17, 1994
 ; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; APPLICATION NUMBER: 07/989,849
 ; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO. 1548:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-071-845-1548

Query Match 1.4%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 2;

QY 656 TGTTCATGACGCT 670
 |||||
 Db 16 TGTTCACACAGCT 2

RESULT 646
 US-09-829-855-5/c
 ; Sequence 5, Application US/09829855
 ; Patent No. 6613520
 ; GENERAL INFORMATION:
 ; APPLICANT: Matthew, Ashby N.
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
 ; FILE REFERENCE: ASHBY-1
 ; CURRENT APPLICATION NUMBER: US/09/829,855
 ; PRIOR FILING DATE: 2001-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196063
 ; PRIOR FILING DATE: 2000-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196258
 ; PRIOR FILING DATE: 2000-04-11
 ; NUMBER OF SEQ ID NOS: 244
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 5
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: unknown
 ; FEATURE:
 ; OTHER INFORMATION: unidentified soil organism
 US-09-829-855-5

Query Match 1.4%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 2;

QY 152 AGCTCCATCTTGCA 166
 |||||
 Db 16 AGCTCCAGACTAGCA 2

RESULT 647
 US-09-829-855-55/c
 ; Sequence 55, Application US/09829855
 ; Patent No. 6613520
 ; GENERAL INFORMATION:
 ; APPLICANT: Matthew, Ashby N.
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
 ; FILE REFERENCE: ASHBY-1
 ; CURRENT APPLICATION NUMBER: US/09/829,855
 ; PRIOR FILING DATE: 2001-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196063
 ; PRIOR FILING DATE: 2000-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196258
 ; PRIOR FILING DATE: 2000-04-11
 ; NUMBER OF SEQ ID NOS: 244
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 55
 ; LENGTH: 16

TYPE: DNA
 ORGANISM: unknown
 FEATURE:
 OTHER INFORMATION: unidentified soil organism
 US-09-829-855-55

Query Match 1.4%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 2;

QY 727 AGCTCGGTACAGTG 741
 |||||
 Db 16 AGCTCGGCACAGAG 2

RESULT 648
 US-09-829-855-65/c
 ; Sequence 65, Application US/09829855
 ; Patent No. 6613520
 ; GENERAL INFORMATION:
 ; APPLICANT: Matthew, Ashby N.
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
 ; FILE REFERENCE: ASHBY-1
 ; CURRENT APPLICATION NUMBER: US/09/829,855
 ; PRIOR FILING DATE: 2001-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196063
 ; PRIOR FILING DATE: 2000-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196258
 ; PRIOR FILING DATE: 2000-04-11
 ; NUMBER OF SEQ ID NOS: 244
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 65
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: unknown
 ; FEATURE:
 ; OTHER INFORMATION: unidentified soil organism
 US-09-829-855-65

Query Match 1.4%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
 Matches 13; Conservative 0; Mismatches 2;

QY 152 AGCTCCATCTTGCA 166
 |||||
 Db 16 AGCTCCAGACTAGCA 2

RESULT 649
 US-09-829-855-119
 ; Sequence 119, Application US/09829855
 ; Patent No. 6613520
 ; GENERAL INFORMATION:
 ; APPLICANT: Matthew, Ashby N.
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
 ; FILE REFERENCE: ASHBY-1
 ; CURRENT APPLICATION NUMBER: US/09/829,855
 ; PRIOR FILING DATE: 2001-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196063
 ; PRIOR FILING DATE: 2000-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196258
 ; PRIOR FILING DATE: 2000-04-11
 ; NUMBER OF SEQ ID NOS: 244
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 119
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: unknown
 ; FEATURE:
 ; OTHER INFORMATION: unidentified soil organism
 US-09-829-855-119

Query Match 1.4%; Score 11.8; DB 1; Length 16;

Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 141 TTGGGGCTCAGCT 155
|||||
Db 2 TTGGGTCCGACGCT 16

RESULT 650
US-09-829-855-135/c
; Sequence 135, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 135
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-135

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 727 AGCTGGGTACAGTG 741
|||||
Db 16 AGCTGGGCACAG 2

RESULT 651
US-09-829-855-178/c
; Sequence 178, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 178
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Uncultured Acidobacterium Sub.Div-1
US-09-829-855-178

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 727 AGCTGGGTACAGTG 741
|||||
Db 16 AGCTAGGCACAGTG 2

RESULT 652
US-09-479-005A-262
; Sequence 262, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 262
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-262

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 73.3%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 638 CCGCTCCCTGCACC 652
|||||
Db 2 CAGCUCACUGCAACC 16

RESULT 653
US-09-479-005A-339
; Sequence 339, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 339
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-339

Query Match 1.4%; Score 11.8; DB 1; Length 16;
Best Local Similarity 60.0%; Pred. No. 5e+02; 4; Mismatches 2; Indels 0; Gaps 0;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 721 TTCAGGAGCTGCGGT 735
:|||||
Db 1 UUCAGGAACUGCAGU 15

RESULT 654
US-08-166-664-6/c
; Sequence 6, Application US/08166664
; Patent No. 5646020
; GENERAL INFORMATION:
; APPLICANT: James A. McSwiggen

APPLICANT: J. Anthony Mamone
TITLE OF INVENTION: HAMMERHEAD RIBOZYMES FOR
TITLE OF INVENTION: PREFERRED TARGETS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 611 West Sixth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90017
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/166,664
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/884,074
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 197/062
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-166-664-6

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 369 GAGCGTGTGCCGTC 383
Db 17 GAGCGTGTGCCGTC 3

RESULT 655
US-08-373-124A-416
Sequence 416, Application US/08/373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 416:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-416

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 5.6e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 616 CCATCTCAACGCG 630
Db 3 CCAUCUCUGGCGCG 17

RESULT 656
US-08-373-124A-544/c
Sequence 544, Application US/08/373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943

```

; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 544:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-544

```

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Query Match          1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      718 AATTTCAGGAGCTGC 732
DB      17 AATTTCAGGAGCTGC 3

```

```

RESULT 657
US-08-373-124A-1365
; Sequence 1365, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1365:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1365

```

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Query Match          1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 5.6e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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QY      210 TCCAGCGCCTCTCCA 224
DB      1 UCUCAGCUCUCUCCA 15

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RESULT 658
US-08-373-124A-1429/c
; Sequence 1429, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1429:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

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; TOPOLOGY: linear
US-08-373-124A-1429

Query Match
Best Local Similarity 1.4%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 263 CAGGACGACTTCAG 277
Db 16 CAGGACGACTTCAG 2

RESULT 659
US-08-373-124A-1585/c
; Sequence 1585, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1585:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-1585

Query Match
Best Local Similarity 1.4%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTTCAGGACTGC 732
Db 17 AATTTCAGGACTGC 3

RESULT 661
US-08-039-137-5
; Sequence 5, Application US/08039137
; Patent No. 5759771
; GENERAL INFORMATION:
; APPLICANT: Tilanus J.G., Marcel

```

```

Db 17 AATTTCAGGACTGC 3

RESULT 660
US-08-373-124A-2585/c
; Sequence 2585, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2585:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-2585

Query Match
Best Local Similarity 1.4%; Score 11.8; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTTCAGGACTGC 732
Db 17 AATTTCAGGACTGC 3

RESULT 661
US-08-039-137-5
; Sequence 5, Application US/08039137
; Patent No. 5759771
; GENERAL INFORMATION:
; APPLICANT: Tilanus J.G., Marcel

```



```
/
/ TITLE OF INVENTION: Method of Determining a Genotype by
/ TITLE OF INVENTION: Comparing the Nucleotide Sequence of Members of a Gene
/ Patent No. 5759771
/
/ TITLE OF INVENTION: Family and Kit Therefor
/ NUMBER OF SEQUENCES: 44
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: 350 Cambridge Avenue, Suite 250
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/039,137
/ FILING DATE: 14-APR-1993
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 0550-0024.10
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 5:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DQA3.1 primer
/ US-08-039-137-5
/
/ Query Match 1.4%; Score 11.8; DB 1; Length 17;
/ Best Local Similarity 86.7%; Pred.No. 5.6e+02;
/ Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 930 TTCAGGTTTGTTT 944
/ |||||
/ 3 TTCAAGTTTGTTT 17
/
/ RESULT 662
/ US-08-758-306-721/c
/ Sequence 721, Application US/08758306
/ Patent No. 5807743
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: McSwigen, James A.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES
/ TITLE OF INVENTION: ASSOCIATED WITH
/ TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
/ TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
/ NUMBER OF SEQUENCES: 1379
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/
/ Query Match 1.4%; Score 11.8; DB 1; Length 17;
/ Best Local Similarity 86.7%; Pred.No. 5.6e+02;
/ Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 824 GGGTGCTGAAGCTGG 838
/ |||||
/ 17 GGGTCTGGAGCTGG 3
/
/ RESULT 663
/ US-08-435-628-416
/ Sequence 416 Application US/08435628
/ Patent No. 5817796
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: McSwigen, James
/ APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/435,628
/ FILING DATE: 05-MAY-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/373,124
/ FILING DATE: January 13, 1995
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/758,306
/ FILING DATE: December 3, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 212/132
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 721:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-758-306-721
/
/ Query Match 1.4%; Score 11.8; DB 1; Length 17;
/ Best Local Similarity 86.7%; Pred.No. 5.6e+02;
/ Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 416:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-416

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 73.3%; Pred. No. 5.6e+02;
 Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 616 CGATCTCACCGG 630
 |||||
 Db 3 CCAUCUCGCCAGG 17

RESULT 664
 US-08-435-628-544/c
 Sequence 544, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TITILE OF INVENTION: TREATMENT OF RESTENOSIS AND
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440

NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 544:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-435-628-544

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTTCAGGCTGC 732
 |||||
 Db 17 AATTTCAGGCTGC 3

RESULT 665
 US-08-435-628-1365
 Sequence 1365, Application US/08435628
 Patent No. 5817796
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Dan T.
 APPLICANT: Draper, Kenneth
 APPLICANT: McSwiggen, James
 APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TITILE OF INVENTION: TREATMENT OF RESTENOSIS AND
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/435,628
 FILING DATE: 05-MAY-1995
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/373,124
 FILING DATE: January 13, 1995
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992
 APPLICATION NUMBER: 07/936,422
 FILING DATE: August 26, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/035
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440

US-08-435-628-1585

Query Match	1.4%	Score 11.8	DB 1	Length 17
Best Local Similarity	86.7%	Pred. No. 5.6e-02		
Matches 13	Conservative	0	Mismatches 2	Indels

QY 718 AATTTCAGAGCTGC 732
 |||||
 Db 17 AATTTCAGAGCTGC 3

RESULT 668
 US-08-435-628-2585/c
 ; Sequence 2585, Application US/08435628
 ; Patent No. 5817796
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/435,628
 ; FILING DATE: 05-MAY-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/373,124
 ; FILING DATE: January 13, 1995
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 2585:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-435-628-2585

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 718 AATTTCAGAGCTGC 732
 |||||
 Db 17 AATTTCAGAGCTGC 3

RESULT 669
 US-08-292-620A-1637
 ; Sequence 1637, Application US/08292620A
 ; Patent No. 5837542
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS
 ; TITLE OF INVENTION: RELATED TO LEVELS OF
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/292,620A
 ; FILING DATE: August 17, 1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: including application
 ; APPLICATION NUMBER: described below:
 ; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; APPLICATION NUMBER: 07/989,849
 ; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/149
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1637:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-292-620A-1637

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 66.7%; Pred. No. 5.6e+02;
 Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 669 CTGAAGCTCAGAT 683
 |||||
 Db 1 CUGAGCUCAGAU 15

RESULT 670
 US-08-292-620A-1929/c
 ; Sequence 1929, Application US/08292620A
 ; Patent No. 5837542
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb

```

; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1929:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1929

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 787 AGCGCAAACTGCAGG 801
Db 15 AGCGCAAACTGCAGG 1
||| ||||| |||||

```

```

RESULT 671
US-08-985-162-182
; Sequence 182, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 182:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-182

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 5.6e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 654 AGTGTCTCATGCAG 668
Db 3 AGUUUUCUUCGAG 17
||| :||| :|||

```

```

RESULT 672
US-08-985-162-183
; Sequence 183, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:

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two

US-08-998-099-98

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 663 ATGACGCTGAAGCTC 677
Db 17 ATGCTGCTGATGCTC 3

RESULT 676

US-09-071-845-1637
; Sequence 1637, Application US/09071845
; Patent No. 6132967

GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1637:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1637

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 5.6e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 669 CTGAAGCTCACAGAT 683

Db 1 CUGAAGCUCAGAUU 15

RESULT 677

US-09-071-845-1929/c
; Sequence 1929, Application US/09071845
; Patent No. 6132967

GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1929:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1929

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 787 AGGCAAACTGCAGG 801
Db 15 AGGCAAACTGCAGG 1

RESULT 678

US-09-021-701-113
; Sequence 113, Application US/09021701

```

; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,597
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
;
; US-09-021-701-113
;
; Query Match 1.4%; Score 11.8; DB 1; Length 17;
; Best Local Similarity 86.7%; Pred. No. 5.6e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 135 TCTGCTTTGGGGCT 149
Db 1 TCTGTTTGGGGAT 15

RESULT 679
US-09-338-907-138
; Sequence 138, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilva, Chumakov
; APPLICANT: Bouqueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPICP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER FILING DATE: 1997-12-22
; EARLIER FILING DATE: 1997-12-22
; EARLIER FILING DATE: 1998-09-09
; EARLIER FILING DATE: 1998-12-22
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578

; Patent No. 6251588
; GENERAL INFORMATION:
; APPLICANT: Shannon, Karen W.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Delenstarr, Glenda C.
; APPLICANT: Webb, Peter G.
; APPLICANT: Kincaid, Robert H.
; TITLE OF INVENTION: Methods for evaluating oligonucleotide
; probe sequences
; NUMBER OF SEQUENCES: 1165
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20
; STREET: 3000 Hanover Street
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/021,701
; FILING DATE: 10-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,597
; REFERENCE/DOCKET NUMBER: 10971464-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-236-2386
; TELEFAX: 650-852-8063
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
;
; US-09-021-701-113
;
; Query Match 1.4%; Score 11.8; DB 1; Length 17;
; Best Local Similarity 86.7%; Pred. No. 5.6e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 135 TCTGCTTTGGGGCT 149
Db 1 TCTGTTTGGGGAT 15

RESULT 679
US-09-338-907-138
; Sequence 138, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilva, Chumakov
; APPLICANT: Bouqueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPICP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER FILING DATE: 1997-12-22
; EARLIER FILING DATE: 1997-12-22
; EARLIER FILING DATE: 1998-09-09
; EARLIER FILING DATE: 1998-12-22
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578

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; SOFTWARE: Patent.pm
; SEQ ID NO 138
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..17
; OTHER INFORMATION: amplification oligonucleotide PGIASel4
;
; US-09-338-907-138
;
; Query Match 1.4%; Score 11.8; DB 1; Length 17;
; Best Local Similarity 86.7%; Pred. No. 5.6e+02;
; Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 299 CGGGGCCCTGCATGG 313
Db 1 CGGGTCCAGCATGG 15

RESULT 680
US-08-881-189B-8
; Sequence 8, Application US/08881189B
; Patent No. 6310195
; GENERAL INFORMATION:
; APPLICANT: Colucci et al.
; TITLE OF INVENTION: NUCLEIC ACID ENCODING A LECTIN-DERIVED
; PROGENITOR CELL PRESERVATION FACTOR
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann & Baron, LLP
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: USA
; ZIP: 11753
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/881,189B
; FILING DATE: June 24, 1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Feit, Irving N.
; REGISTRATION NUMBER: 28,601
; REFERENCE/DOCKET NUMBER: 381-44 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 822-3550
; TELEFAX: (516) 822-3582
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-881-189B-8
;
; Query Match 1.4%; Score 11.8; DB 1; Length 17;
; Best Local Similarity 58.8%; Pred. No. 5.6e+02;
; Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 630 GCTCAGTCCCGTCCCT 646
Db 1 GCYCARTCTCTCTTT 17

RESULT 681

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US-09-218-207-138
; Sequence 138, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 138
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..17
; OTHER INFORMATION: amplification oligonucleotide PGIASel4
US-09-218-207-138

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 299 CGGGGCCCTGCATGG 313
|||||
DB 1 CGGGGCCCTGCATGG 15

RESULT 682
US-08-584-040-2236
; Sequence 2236, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2236

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 5.6e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 205 TGGGTCCCGCCCT 219
|||:|||||
DB 3 UGGCUUCCAGCUCU 17

RESULT 683
US-08-584-040-2823
; Sequence 2823, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2823:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2823

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 20.0%; Pred. No. 5.6e+02;
Matches 3; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

Qy 329 TTTCAGGTTTGTGT 943
Db 1 UUUUACUUUUUUU 15

RESULT 684

US-08-584-040-4314/c
Sequence 4314, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4314:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4314

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 802 ACTGACTGAACCTGT 816
Db 16 ACTGACTGATTCCTG 2

RESULT 685

US-08-584-040-4375
Sequence 4375, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4375:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4375

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 5.6e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 240 GCTCAGCTCTTGAAG 254
Db 1 GCUCAGUUUUUAG 15

RESULT 686

US-08-584-040-5525/c
Sequence 5525, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR

;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; TITLE OF INVENTION: GROWTH FACTOR
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 5525:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-5525

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 ATTTCCAGGAGCTGGG 733
DB 16 ATATCAGGAGCTGGG 2

RESULT 687
US-08-584-040-5752/c
; Sequence 5752, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 5752:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-5752

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 TCCAGGAGAGCTCC 471
DB 17 TCCAGGAGAGCTCC 3

RESULT 688
US-08-584-040-5753/c
; Sequence 5753, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974

schu568-1.rni

Fri Jul 30 10:32:07 2004

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; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5753:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5753

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 457 TCCAGGAGAGCTCC 471
Db 15 TCCAGGAGAGCTCC 1

RESULT 689
US-08-584-040-7309/c
; Sequence 7309, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7310:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7310

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 434 TCCTAGCTCTAAAGCC 448
Db 15 TCCTATTATAAGCC 1

RESULT 690
US-08-584-040-7310/c
; Sequence 7310, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7310:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7310

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 434 TCCTAGCTCTAAAGCC 448
Db 15 TCCTATTATAAGCC 1
```

```

RESULT 691
US-08-584-040-7705
; Sequence 7705, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7705:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7705

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 5.6e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 336 GAGCAACTGGTGCC 350
Db 1 GAGAAACUUGGUGAC 15

RESULT 692
US-08-584-040-7778/c
; Sequence 7778, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

```

```

; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7778:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7778

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 559 AACAGCAGGATCCT 573
Db 17 AACAGCAGGATCCT 3

RESULT 693
US-08-679-645-141/c
; Sequence 141, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700

```

CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 141:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-141

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 CAGATGATCTGCAC 693
Db 15 CAGACGATCTGCAC 1

RESULT 694
US-08-679-645-178
Sequence 178, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 178:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-178

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 5.6e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 566 GGGATCTGCTGCC 580
Db 1 GGGAUCCUCCGAGGCC 15

RESULT 695
US-08-679-645-776
Sequence 776, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 776:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-776

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 53.3%; Pred. No. 5.6e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 488 TCAGGATCTAATGG 502
Db 2 UCAGUAUCUAUUGG 16

RESULT 696
US-09-593-012-53/c
; Sequence 53, Application US/09593012
; Patent No. 6387652
; GENERAL INFORMATION:
; APPLICANT: HAUGLAND, Richard
; APPLICANT: VESPER, Stephen
; TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
; FILE REFERENCE: HAUGLAND=1A
; CURRENT APPLICATION NUMBER: US/09/593,012
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: US 09/290,990
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US 60/081,773
; PRIOR FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 53
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Chaetomium globosum
US-09-593-012-53

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 720 TTTCAGGAGCTGGG 734
Db 15 TTTCAGGAGCTGGG 1

RESULT 697
US-09-916-228-12
; Sequence 12, Application US/09916228
; Patent No. 6498013
; GENERAL INFORMATION:
; APPLICANT: Velculescu, Victor
; APPLICANT: Sparks, Andrew
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: Serial analysis of transcript expression
; FILE REFERENCE: using long tags

; FILE REFERENCE: 001107.00172
; CURRENT APPLICATION NUMBER: US/09/916,228
; CURRENT FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/221,556
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 60/233,431
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: tag or tag concatenamer
US-09-916-228-12

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 756 AAGGAGATGGCAGAA 770
Db 2 AAGGAGATGGCAGAA 16

RESULT 698
US-09-319-588C-22/c
; Sequence 22, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCLERE, Philippe
; APPLICANT: LOUSSERT-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sentob
; APPLICANT: BARRE-SINOUSI, Francoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-22

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 151 CAGCTCCATCTTGC 165
Db 16 CAGCTCCCTGCTTGC 2

RESULT 699
US-09-319-588C-74/c
; Sequence 74, Application US/09319588C
; Patent No. 6509018
; GENERAL INFORMATION:
; APPLICANT: INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE-INSERM
; APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MAUCLERE, Philippe

```

; APPLICANT: LOUSERT-AJAKA, Ibtissam
; APPLICANT: SIMON, Francois
; APPLICANT: SARAGOSTI, Sentob
; APPLICANT: BARRE-SINOSSI, Françoise
; TITLE OF INVENTION: NON-M NON-O HIV STRAINS, FRAGMENTS AND APPLICATIONS.
; FILE REFERENCE: 598US12
; CURRENT APPLICATION NUMBER: US/09/319,588C
; CURRENT FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: FR96/15087
; PRIOR FILING DATE: 1996-12-09
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 74 (corresponds to LPBS.1 ltr of Figure 1)
; LENGTH: 17
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-319-588C-74

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```

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Qy 151 CAGCTCCATCTGC 165
Db 16 CAGCTCCCTGCTGC 2

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RESULT 700
US-09-474-432B-351
; Sequence 351, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 351
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-351

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Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 5.6e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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Qy 143 GGGGGCTGCAGTCC 157
Db 2 GGGAGGCGGAGGCUUC 16

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RESULT 701
US-09-474-432B-501/c

```

```

; Sequence 501, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 501
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-501

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

Qy 390 GCGGGCACACACC 404
Db 16 GCGGGCACACACC 2

```

```

RESULT 702
US-09-474-432B-751/c
; Sequence 751, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 751
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-751

```


Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147
DB 15 TGTCTGCTTTGGGG 1

RESULT 703
US-09-371-772B-781
; Sequence 781, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 781
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-781

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 5.6e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 205 TGGTTCCTCCAGCCCT 219
DB 3 UGGCUUCCAGCUCU 17

RESULT 704
US-09-371-772B-1347
; Sequence 1347, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1347
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1347

Query Match 1.4%; Score 11.8; DB 1; Length 17;

Best Local Similarity 20.0%; Pred. No. 5.6e+02;
Matches 3; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 929 TTTCAGGTTTGTGT 943
DB 1 UUCACUUUUUUUU 15

RESULT 705
US-09-371-772B-2081/c
; Sequence 2081, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2081
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2081

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 ACTGACTGAACCTG 816
DB 16 ACTGACTGATTCCTG 2

RESULT 706
US-09-371-772B-2142
; Sequence 2142, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2142
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2142

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 60.0%; Pred. No. 5.6e+02;

Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTGAAG 254
|||:||||:|||||
Db 1 GCUCAGAUUUUGAAG 15

RESULT 707

US-09-371-772B-2416/c
; Sequence 2416, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2416
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2416

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 ATTCAGGAGCTGGC 733
|||:|||||
Db 16 ATATCAGGAGCTGGG 2

RESULT 708

US-09-371-772B-2631/c
; Sequence 2631, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2631
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2631

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 TCCAGGAGAGCTCC 471
|||:|||||
Db 17 TCCACGGAGAGCTCC 3

RESULT 709

US-09-371-772B-2632/c
; Sequence 2632, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2632
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2632

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 457 TCCAGGAGAGCTCC 471
|||:|||||
Db 15 TCCACGGAGAGCTCC 1

RESULT 710

US-09-371-772B-3118/c
; Sequence 3118, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3118
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3118

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 434 TGCTAGTCTAAAGCC 448
 ||||| |||||
 Db 17 TCGTATTATAAGCC 3

RESULT 711

US-09-371-772B-3119/c
 ; Sequence 3119, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3119
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3119

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 434 TGCTAGTCTAAAGCC 448
 ||||| |||||
 Db 15 TCGTATTATAAGCC 1

RESULT 712

US-09-371-772B-3490
 ; Sequence 3490, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3490
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3490

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 66.7%; Pred. No. 5.6e+02;
 Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 336 GAGCACTTGGTGCC 350

Db 1 GAGAAACUUGUGAC 15
 ||||| |||||

RESULT 713

US-09-371-772B-3562/c
 ; Sequence 3562, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3562
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3562

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 559 AACAGCAGGATCCT 573
 ||||| |||||
 Db 17 AACAGCAGGATCCT 3

RESULT 714

US-09-371-772B-4716/c
 ; Sequence 4716, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
 ; FILE REFERENCE: MBH00,876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4716
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-4716

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAGTT 516
 ||||| |||||

D_b 1'5 GTGATTGCCCACTT 1

RESULT 715
 US-09-371-772B-5164
 ; Sequence 5164, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Regulation of Endothelial Growth Factor Receptor
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MBHB00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 5164
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-371-772B-5164

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RESULT 716
US-09-371-772B-5165
; Sequence 5165, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH300.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5165
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5165

```

RESULT 717

US-09-371-772B-5273/c

Sequence 5273, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHH00, 876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 5273

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-5273

RESULT 718
US-09-371-772B-6149/c
Sequence 6149, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6149
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6149

Query Match	1.4%	Score 11.8;	DB 1;	Length 17;
Best Local Similarity	86.7%;	Prod. NO. 5.6e+02;		
Matches 13;	Conservative	0;	Mismatches 2;	Indels 0; Gaps 0;
QY	426	CTGCCCCCTGCTAGT	440	
Db	17	CTGTCCCCCTGAAGT	3	

```
RESULT 719
US-09-371-772B-6622
; Sequence 6622, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6622
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6622

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 5.6e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 909 AAGTGAAGACAGC 923
DB 2 AAUACACAGACG 16

RESULT 720
US-09-371-772B-6837/C
; Sequence 6837, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6837
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6837

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 ACTGACTGAACCTG 816
DB 15 ACTGACTGATTCCTG 1
```

```
RESULT 721
US-09-512-563C-40
; Sequence 40, Application US/09512563C
; Patent No. 6579969
; GENERAL INFORMATION:
; APPLICANT: Saus, Juan
; TITLE OF INVENTION: Goodpasture Binding Protein
; FILE REFERENCE: 98-723-A
; CURRENT APPLICATION NUMBER: US/09/512,563C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 60/121,483
; PRIOR FILING DATE: 1999-02-24
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: ON-GPBP-57c
US-09-512-563C-40

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 823 TGGGTGCTGAAGCTG 837
DB 2 TGGGAGCTGAATCTG 16

RESULT 722
US-09-476-387-350
; Sequence 350, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 350
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-350

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 5.6e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 143 GGGGGCTGCAGCTCC 157
DB 2 GGGAGCUGCAGCUUC 16
```

RESULT 723
 US-09-476-387-500/c
 ; Sequence 500, Application US/09476387
 ; Patent No. 6617438
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Beigelman, Leo
 ; APPLICANT: Beaudry, Amber
 ; APPLICANT: Karpeisky, Alex
 ; APPLICANT: Adamic, Jasenka Matulic
 ; APPLICANT: Sweedler, Dave
 ; APPLICANT: Zinnen, Shawn
 ; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
 ; FILE REFERENCE: MBH00-831-C (249/073)
 ; CURRENT APPLICATION NUMBER: US/09/476,387
 ; CURRENT FILING DATE: 2001-04-04
 ; PRIOR APPLICATION NUMBER: 09/474,432
 ; PRIOR FILING DATE: 1999-12-29
 ; PRIOR APPLICATION NUMBER: 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; PRIOR APPLICATION NUMBER: 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: 60/083,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; NUMBER OF SEQ ID NOS: 1524
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 500
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-476-387-500

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 390 GCGGGCACACACACC 404
 Db 16 GCGGGCACACACACC 2

RESULT 724
 US-09-476-387-750/c
 ; Sequence 750, Application US/09476387
 ; Patent No. 6617438
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Beigelman, Leo
 ; APPLICANT: Beaudry, Amber
 ; APPLICANT: Karpeisky, Alex
 ; APPLICANT: Adamic, Jasenka Matulic
 ; APPLICANT: Sweedler, Dave
 ; APPLICANT: Zinnen, Shawn
 ; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
 ; FILE REFERENCE: MBH00-831-C (249/073)
 ; CURRENT APPLICATION NUMBER: US/09/476,387
 ; CURRENT FILING DATE: 2001-04-04
 ; PRIOR APPLICATION NUMBER: 09/474,432
 ; PRIOR FILING DATE: 1999-12-29
 ; PRIOR APPLICATION NUMBER: 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; PRIOR APPLICATION NUMBER: 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: 60/083,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; NUMBER OF SEQ ID NOS: 1524
 ; SOFTWARE: Patent in version 3.0
 ; SEQ ID NO 750

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-476-387-750

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGG 147
 Db 15 TGTGCTTTGGGG 1

RESULT 725
 US-09-401-063-182
 ; Sequence 182, Application US/09401063
 ; Patent No. 6623962
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwigen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 ; TITLE OF INVENTION: FACTOR RECEPTORS
 ; NUMBER OF SEQUENCES: 1877
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: Storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq for Windows 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/401,063
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/985,162
 ; FILING DATE: 04 December 1997
 ; APPLICATION NUMBER: 60/036,476
 ; FILING DATE: 31 January 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 230/107
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 182:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 53.3%; Pred. No. 5.6e+02;
 Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 654 AGTGTCTCATGCAG 668
 Db 3 AGUUUCUUCGAG 17

; Patent No. 6656700
; SEQ ID NO 886
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-886

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 759 GAGATGGCAGAACTG 773
Db 17 GAGTTGGCAGAACAG 3

RESULT 730

US-09-827-998-887/c
; Sequence 887, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 887
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-887

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 759 GAGATGGCAGAACTG 773
Db 16 GAGTTGGCAGAACAG 2

RESULT 731

US-09-827-998-888/c
; Sequence 888, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 888
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-888

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 759 GAGATGGCAGAACTG 773
Db 15 GAGTTGGCAGAACAG 1

RESULT 732

US-09-726-774-137/c
; Sequence 137, Application US/09726774
; Patent No. 6677153
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; FILE REFERENCE: Composition
; FILE REFERENCE: 0450-0032.30
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-09-726-774-137

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACACGCC 698
Db 17 GGATCAGCAGCGGCC 3

RESULT 733

US-09-866-108A-172
; Sequence 172, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665


```

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6586189
; SEQ ID NO 172
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-172

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

611 CGTGGCCATCTCAAC 625
| | | | | | | | | |
3 CATGGCCATCTCATC 17

RESULT 734
 US-09-866-108A-173
 ; Sequence 173, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A

AFFILIATION: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```

FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.

```

PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.

```

/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Reomica Sequence Listing Engine
/ Patent No. 686188
/ SEQ ID NO 173
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-173

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```

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

611  CGTGGCCATCTCAAC 625
      |||||
DB  2  CATGGCCATCTCATC 16

RESULT 735
US-09-866-108A-174
; Sequence 174, Application US/09866108A
; Patent No. 686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 686188
; SEQ ID NO 174
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-174

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13: Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

OY      611  CGTGGCCATCTCAAC  625
      | | | | | | | | | |
db      1  CATGGCCATCTCATC  15

```

RESULT 736
 US-09-866-108A-197
 ; Sequence 197, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```

; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 197
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-197

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      820 CTGTGGGTGCTGAAG 834
      |||||
DB      3 CTGTGGGAGCAGAAG 17

```

```

RESULT 737
US-09-866-108A-198
; Sequence 198, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 198
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-210

```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 198
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-198

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      820 CTGTGGGTGCTGAAG 834
      |||||
DB      2 CTGTGGGAGCAGAAG 16

```

```

RESULT 738
US-09-866-108A-210/c
; Sequence 210, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 210
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-210

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 537 CCTCTTCTCGACTCT 551
|||||
DB 17 CCTCTTCCGAATCT 3

RESULT 739

US-09-866-108A-211/c
; Sequence 211, Application US/09866108A
; Patent No. 6686188

GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 211

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-211

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTTCTCGACTCT 551
|||||
DB 16 CCTCTTCCGAATCT 2

RESULT 740

US-09-866-108A-1383
; Sequence 1383, Application US/09866108A
; Patent No. 6686188

GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 1383

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-1383

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGCTC 677
|||||
DB 3 ACGCAGGTGAAGCTC 17

RESULT 741

US-09-866-108A-1384
; Sequence 1384, Application US/09866108A
; Patent No. 6686188

GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30


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; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1789
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1789

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 379 CCGTCTGCTGCGG 393
Db 15 CCTTCTGCTGCAG 1

RESULT 745
US-09-866-108A-2649/c
; Sequence 2649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2650
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2649

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 449 AGATGCTTCCAGGA 463
Db 17 AGATGCTGCCAGGA 3

RESULT 746
US-09-866-108A-2650/c
; Sequence 2650, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2650
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2650

Query Match 1.4%; Score 11.8; DB 1; Length 17;
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Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 449 AGATGCTTCCAGGA 463
|||||
Db 16 AGATGGCTGCCAGGA 2

RESULT 747

US-09-866-108A-2651/c
; Sequence 2651, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2651
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2651

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 449 AGATGCTTCCAGGA 463
|||||
Db 15 AGATGGCTGCCAGGA 1

RESULT 748
US-09-866-108A-6236
; Sequence 6236, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2651
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2651

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 449 AGATGCTTCCAGGA 463
|||||
Db 15 AGATGGCTGCCAGGA 1

RESULT 748
US-09-866-108A-6236
; Sequence 6236, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6236
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6236

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 324 AGAGAGCTGCGAG 338
|||||
Db 3 AGAGAGCTGCGAG 17

RESULT 749
US-09-866-108A-6237
; Sequence 6237, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6237
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6237

; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6237
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6237

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 324 AGAGAGCTGTGGAG 338
|||||
Db 2 AGAGGAGCTGGGAG 16

RESULT 750
US-09-866-108A-6238
; Sequence 6238, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6238
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6238

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 324 AGAGAGCTGTGGAG 338
|||||
Db 1 AGAGGAGCTGGGAG 15

RESULT 751
US-09-866-108A-6594
; Sequence 6594, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6594
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6594

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 197 CAGTTTCCTGGGTTTC 211
|||||
Db 3 CAGTTTCCTGGGTTTC 17

RESULT 752
US-09-866-108A-6597
; Sequence 6597, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6597
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6597

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Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      198 AGCTTCCTGGGTTC 212
      || || || || || || || ||
DB      1 AGCTTGCTGGGTTC 15

RESULT 753
US-09-866-108A-6620
; Sequence 6620, Application US/09866108A
; Patent No. 686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yongchang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6620
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6620

```

Query Match	1.4%	Score 11.8;	DB 1;	Length 17;
Best Local Similarity	86.7%;	Pred. No. 5.6e+02;		
Matches 13;	Conservative	0;	Mismatches 2;	Indels 0;
Gaps	0;			

Qy . 415 AGGCTCTCCGGCTGC 429
|||
Dp 2 AGGCTCTCCGGCTGC 16

RESULT 754

US-09-866-108A-6621
 ; Sequence 6621: Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensteng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: A601-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/006666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/006663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acemica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6621
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-6621


```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6759
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6759

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAGAGCTCCAGGA 475
DB 2 GGAGAGCTCTCTGGA 16

RESULT 757
US-09-866-108A-6760
; Sequence 6760, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

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```

; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6758
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6758

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 461 GGAGAGCTCCAGGA 475
DB 3 GGAGAGCTCTCTGGA 17

RESULT 756
US-09-866-108A-6759
; Sequence 6759, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.

```

; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6760
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-6760

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 461 GGAAGAGCTCCAGGA 475
 ||| ||||| |||
 Db 1 GGAGGAGCTCTCGA 15

RESULT 758
 US-09-866-108A-6780
 ; Sequence 6780, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6780
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6780
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-09-866-108A-6780

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 768 GAACCTGGAGAGAG 782
 ||| ||||| |||
 Db 3 CATCTGGAAGAG 17

RESULT 759
 US-09-866-108A-6781
 ; Sequence 6781, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6781
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

US-09-866-108A-6781
 ; Sequence 6781, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6781
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 768 GAACCTGGAGAGAG 782
 ||| ||||| |||
 Db 2 CATCTGGAAGAG 16

RESULT 760
 US-09-866-108A-6782
 ; Sequence 6782, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A6MICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: A6mica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6782
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6782

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 768 GAATCGAGAGAG 782
DB 1 GATCTGGAAGAG 15

RESULT 761
US-09-866-108A-7129
Sequence 7129, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A6MICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: A6mica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7129
LENGTH: 17
TYPE: DNA

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: A6mica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7129
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-7129

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CAGAGAGCTGTGGA 337
DB 3 CAGAGAGTTCCGGA 17

RESULT 762
US-09-866-108A-7130
Sequence 7130, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A6MICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: A6mica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7130
LENGTH: 17
TYPE: DNA

; ORGANISM: Homo sapiens
US-09-866-108A-7130

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CAGAGAAGCTGTGGA 337
|||||
DB 2 CAGAGAAGTTGGGA 16

RESULT 763

US-09-866-108A-7131
; Sequence 7131, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 7131

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-7131

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CAGAGAAGCTGTGGA 337
|||||
DB 1 CAGAGAAGTTGGGA 15

RESULT 764

US-09-866-108A-7585

; Sequence 7585, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 7585

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-7585

Query Match 1.4%; Score 11.8; DB 1; Length 17;

Best Local Similarity 86.7%; Pred. No. 5.6e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 AACTGAGAGAGAGT 783

|||||

DB 3 AACTGAGAGAGAGT 17

RESULT 765

US-09-866-108A-7588

; Sequence 7588, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7588
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7588

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 770 ACTGAGAGAGAGTG 784
DB 1 ACTGAGAGAGAGTG 15
|||||

RESULT 766
US-09-866-108A-7682
; Sequence 7682, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7682
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7682

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 770 ACTGAGAGAGAGTG 784
DB 1 ACTGAGAGAGAGTG 15
|||||

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7682

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 773 GCAGAGAGAGTGCA 787
DB 3 GCAGAGAGAGTTTGA 17
|||||

RESULT 767
US-09-866-108A-7683
; Sequence 7683, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7683
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7683

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 773 GCAGAGAGAGTGCA 787
DB 2 GCAGAGAGAGTTTGA 16
|||||

RESULT 768
US-09-866-108A-7685
; Sequence 7685, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:

```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7685
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7685

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 AGAAGAAGTGTGAGC 789
Db 2 AGAAGAAGTTTGACC 16

RESULT 769
US-09-866-108A-7686
; Sequence 7686, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7685
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7685

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 AGAAGAAGTGTGAGC 789
Db 2 AGAAGAAGTTTGACC 16

RESULT 770
US-09-866-108A-7999
; Sequence 7999, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7999

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/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7999

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 661 TCATGCAGCTGAAGC 675
Db 3 TCAAGCAGCTGGAGC 17

RESULT 771
US-09-866-108A-8000
/ Sequence 8000, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8000
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8001

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 661 TCATGCAGCTGAAGC 675
Db 1 TCAAGCAGCTGGAGC 15

RESULT 773
US-09-866-108A-8307/c
/ Sequence 8307, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AECOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8000
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8000

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 661 TCATGCAGCTGAAGC 675
Db 2 TCAAGCAGCTGGAGC 16

RESULT 772
US-09-866-108A-8001
/ Sequence 8001, Application US/09866108A
/ Patent No. 6686188
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8307
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8307

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Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      679 CAGATGGATCTGCAC 693
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DB      17 CAGAAGGAGCTGCAC 3

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RESULT 774
US-09-866-108A-8308/c
; Sequence 8308, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188

```

```

; SEQ ID NO 8308
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8308

```

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Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      679 CAGATGGATCTGCAC 693
      ||||| ||||| |||||
DB      16 CAGAAGGAGCTGCAC 2

```

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RESULT 775
US-09-866-108A-8994/c
; Sequence 8994, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8994
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8994

```

```

Query Match      1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY      422 CCGCTGCCCTCTGC 436
      ||||| ||||| |||||
DB      17 CCGCTGCCCTCTGC 3

```

```

RESULT 776
US-09-866-108A-8995/c
; Sequence 8995, Application US/09866108A

```


Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8995
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8995

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 422 CCGGCTGCCCTGTC 436
Db 16 CCGGCTGCCCTGTC 2

RESULT 777
US-09-866-108A-9663
Sequence 9663, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9663
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9663

Query Match 1.4%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 564 CAGGGATCCTCGCTG 578
Db 3 CAGGGTCCACGCTG 17

RESULT 778
US-09-866-108A-9664
Sequence 9664, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188
 ; SEQ ID NO 9664
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-9664

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 564 CAGGGATCTCGCTG 578
 ||||| |||||
 Db 2 CAGGGGTCCAGCTG 16

RESULT 779

US-09-866-108A-9665
 ; Sequence 9665, Application US/09866108A
 ; Patent No. 6686188

; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aeoica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 9665

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-9665

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 564 CAGGGATCTCGCTG 578
 ||||| |||||
 Db 1 CAGGGGTCCAGCTG 15

RESULT 780

US-09-866-108A-9688/c

; Sequence 9688, Application US/09866108A
 ; Patent No. 6686188

; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeoica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 9688

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-9688

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 501 GGAGATTGGCCAGT 515
 ||||| |||||
 Db 17 GGAGAGTGGCCAGT 3

RESULT 781

US-09-866-108A-9689/c

; Sequence 9689, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

US-09-866-108A-10376
 ; Sequence 10376, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 10376
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-10376

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e-02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 CTCACGTGCTTACT 594
 |||||
 Db 2 CTCACCTGTGACT 16

RESULT 785
 US-09-866-108A-10377
 ; Sequence 10377, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 10377
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-10377

Query Match 1.4%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 5.6e-02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 CTCACGTGCTTACT 594
 |||||
 Db 1 CTCACCTGTGACT 15

RESULT 786
 US-08-373-124A-2197
 ; Sequence 2197, Application US/08373124A
 ; Patent No. 5646042
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/373,124A
 FILING DATE: January 13, 1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/245,466
 FILING DATE: May 18, 1994
 APPLICATION NUMBER: 08/192,943
 FILING DATE: February 7, 1994
 APPLICATION NUMBER: 07/987,132
 FILING DATE: December 7, 1992

```
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; INFORMATION FOR SEQ ID NO: 2197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-2197

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 80.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 952 AACAGCTGGGCGAGG 966
Db 4 AACAGAUGGGCGAG 18

RESULT 787
US-08-373-124A-2209
; Sequence 2209, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; INFORMATION FOR SEQ ID NO: 2243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-2243

; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; INFORMATION FOR SEQ ID NO: 2209:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-2209

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 6.2e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 210 TCCAGCCCTCTCCA 224
Db 3 UCUCAGCUCUCUCA 17

RESULT 788
US-08-373-124A-2243
; Sequence 2243, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
;
; INFORMATION FOR SEQ ID NO: 2243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-373-124A-2243
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Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 73.3%; Pred. No. 6.2e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 631 CTCAGTCCCGCTCCC 645
Db 4 CUCAGACCCGCCGCC 18

RESULT 789

US-08-373-124A-2463/c
; Sequence 2463, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2463:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-2463

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 719 ATTTGAGGCTGCG 733
Db 18 ATTTGAGGCTGCG 4

RESULT 790

US-08-420-326-3/c
; Sequence 3, Application US/08420326
; Patent No. 5650399
; GENERAL INFORMATION:
; APPLICANT: Rokita, Steven E,
; APPLICANT: Kang, Hyunmin
; TITLE OF INVENTION: Anthraquinone Derivatives and
; TITLE OF INVENTION: Conjugates Thereof
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOFFMANN & BARON
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: USA
; ZIP: 11753
COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WordPerfect 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/420,326
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: No. 5650399e
; APPLICATION NUMBER: 08/110,361
; FILING DATE: 23-AUG-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Alan M. Sack
; REGISTRATION NUMBER: 31,874
; REFERENCE/DOCKET NUMBER: 178-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 822-3550
; TELEFAX: (516) 822-3582
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-420-326-3

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 589 CTTACTTCGGTGCG 603
Db 18 CTTACTTCGGTGCG 4

RESULT 791

US-08-363-240A-1125
; Sequence 1125, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles

```

; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1125:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-1125

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 73.3%; Pred. No. 6.2e+02;
Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 674 GTCACAGATGGATC 688
Db 1 GCUCACAGCUGAAC 15

RESULT 752
US-08-605-089-10
; Sequence 10, Application US/08605089
; Patent No. 5719026
; GENERAL INFORMATION:
; APPLICANT: Takafumi FUKUI
; APPLICANT: Kiyonori KATSURAGI
; APPLICANT: Moritoshi KINOSHITA
; TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF
; TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MILO, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/605,089
; FILING DATE: 06-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JPA-6-154571
; FILING DATE: 06-JUL-1994
; APPLICATION NUMBER: PCT/JP95/01352
; FILING DATE: 06-JUL-1995
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 BASES
; TYPE: NUCLEOTIDE
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
; US-08-605-089-10

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 703 AGGTGCCCATAGCCA 717
Db 2 AGGTGCCCTTGCCA 16

RESULT 793
US-08-435-628-2197
; Sequence 2197, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2197

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Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 80.0%; Pred. No. 6.2e+02;
 Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 952 AACAGTGGCAGG 966
 Db 4 AACAGAUGGCAGAG 18

RESULT 794
 US-08-435-628-2209
 ; Sequence 2209, Application US/08435628
 ; Patent No. 5817796
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/435,628
 ; FILING DATE: 05-MAY-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/373,124
 ; FILING DATE: January 13, 1995
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 2209:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-435-628-2209

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 66.7%; Pred. No. 6.2e+02;
 Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 210 TCCAGCCCTCTCCA 224

Db 3 UCUCAGCUCUCUCCA 17

RESULT 795
 US-08-435-628-2243
 ; Sequence 2243, Application US/08435628
 ; Patent No. 5817796
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/435,628
 ; FILING DATE: 05-MAY-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/373,124
 ; FILING DATE: January 13, 1995
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 2243:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-435-628-2243

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 73.3%; Pred. No. 6.2e+02;
 Matches 11; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 631 CTCAGTCCGCTCCC 645
 Db 4 CUCAGACCCCUCCC 18

RESULT 796
 US-08-435-628-2463/c


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; Sequence 2463, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggan, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2463:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2463

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 ATTCTGAGCTCG 733
DB 18 ATTCTGAGCTCG 4

RESULT 797
US-08-466-337A-11
; Sequence 11, Application US/08466337A
; Patent No. 5830756
; GENERAL INFORMATION:
; APPLICANT: Haskill, John S.
; APPLICANT: Baldwin Jr., Albert S.
; APPLICANT: Ralph, Peter
; TITLE OF INVENTION: Inhibitor of NF-kB Transcriptional
; TITLE OF INVENTION: Activator and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower/ 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/475,359
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```

```
; TITLE OF INVENTION: Inhibitor of NF-kB Transcriptional
; TITLE OF INVENTION: Activator and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower/ 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,337A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Pochopien, Donald J.
; REGISTRATION NUMBER: 32,167
; REFERENCE/DOCKET NUMBER: 0899.008/33518
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-466-337A-11

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CAGCGGACCTTCAG 934
DB 1 CAGCGGACCTTCG 15

RESULT 798
US-08-475-359-11
; Sequence 11, Application US/08475359
; Patent No. 5846714
; GENERAL INFORMATION:
; APPLICANT: Haskill, John S.
; APPLICANT: Baldwin Jr., Albert S.
; APPLICANT: Ralph, Peter
; TITLE OF INVENTION: Inhibitor of NF-kB Transcriptional
; TITLE OF INVENTION: Activator and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower/ 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/475,359
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
```

NAME: Pochopien, Donald J.
 REGISTRATION NUMBER: 32,167
 REFERENCE/DOCKET NUMBER: 0899.004.33514
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312/474-6300
 TELEFAX: 312/474-0448
 TELEX: 25-3856
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-475-359-11

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CAGCGGGACTTTCAG 934
 |||||
 Db 1 CAGAGGGACTTTCG 15

RESULT 799

US-08-808-550-14
 ; Sequence 14, Application US/08808550
 ; Patent No. 5871992
 ; GENERAL INFORMATION:
 ; APPLICANT: Tesbor, George W.
 ; APPLICANT: Hilbert, Timothy P.
 ; TITLE OF INVENTION: MAMMALIAN ENDONUCLEASE III AND
 ; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC USES THEREOF
 ; NUMBER OF SEQUENCES: 42
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: David A. Jackson, Esq.
 ; STREET: 411 Hackensack Ave, Continental Plaza, 4th
 ; STREET: Floor
 ; CITY: Hackensack
 ; STATE: New Jersey
 ; COUNTRY: USA
 ; ZIP: 07601
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent in Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/808,550
 ; FILING DATE: 26-FEB-1997
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Jackson Esq., David A.
 ; REGISTRATION NUMBER: 26,742
 ; REFERENCE/DOCKET NUMBER: 1049-1-001 N
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 201-487-5800
 ; TELEFAX: 201-343-1684
 ; INFORMATION FOR SEQ ID NO: 14:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: other nucleic acid
 ; DESCRIPTION: /desc = "Primer P7"
 ; HYPOTHETICAL: NO
 ; US-08-808-550-14

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 401 CACCTGCTCCAGCA 415
 |||||
 Db 1 CACCTGCTCCAGAA 15

RESULT 800

US-08-585-684B-2721/c
 ; Sequence 2721, Application US/08585684B
 ; Patent No. 5877021
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Daniel T.
 ; APPLICANT: Jarvis, Thale
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 ; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
 ; NUMBER OF SEQUENCES: 2751
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 MB
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/585,684B
 ; FILING DATE: January 16, 1996
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/000,951
 ; FILING DATE: July 7, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/078
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 2721:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-585-684B-2721

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 950 TCAACAGCTGGCAG 964
 |||||
 Db 15 TCAAGAGCTGTGCAG 1

RESULT 801

US-09-205-922-39/c
 ; Sequence 39, Application US/09205922
 ; Patent No. 5951455
 ; GENERAL INFORMATION:
 ; APPLICANT: Lex M. Cowser
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
 ; FILE REFERENCE: RTS-0030
 ; CURRENT APPLICATION NUMBER: US/09/205,922
 ; CURRENT FILING DATE: 1998-12-04

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; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-39

Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 601 GCGGGTGGACGTGG 615
Db 17 GCGAGGTGGACGTGG 3

RESULT 802
US-09-205-922-54
; Sequence 54, Application US/09205922
; Patent No. 5951455
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
; FILE REFERENCE: R1S-0030
; CURRENT APPLICATION NUMBER: US/09/205,922
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 54
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-922-54

Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 380 CGTCTGCTGGCGGG 394
Db 1 CGTCTGCTGGGTGG 15

RESULT 803
US-08-726-012B-8/c
; Sequence 8, Application US/08726012B
; Patent No. 5952190
; GENERAL INFORMATION:
; APPLICANT: Hans Joenje, et al.
; TITLE OF INVENTION: CDNA FOR FANCONI ANEMIA COMPLEMENTATION GROUP A
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klatquist Sparkman Campbell Leigh & Whinston, LLP
; STREET: One World Trade Center, Suite 1600, 121 S.W. Salmon Street
; CITY: Portland
; STATE: OR
; COUNTRY: USA
; ZIP: 97204-2988
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disk, 3.5-inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: WordPerfect 5.1+, ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/726,012B
; FILING DATE: 10/04/96
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

```

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; ATTORNEY/AGENT INFORMATION:
; NAME: Richard J. Polley
; REGISTRATION NUMBER: 28,107
; REFERENCE/DOCKET NUMBER: 3812-45520/RJP/DJE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 226-7391
; TELEFAX: (503) 228-9446
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-726-012B-8

Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 396 ACACACACCTGCTC 410
Db 17 ACACACCTGCTC 3

RESULT 804
US-09-166-203-24
; Sequence 24, Application US/09166203A
; Patent No. 5968826
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0323
; CURRENT APPLICATION NUMBER: US/09/166,203A
; CURRENT FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 60
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-166-203-24

Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 300 GGGCCCTGTCATGG 314
Db 2 GGTGCTCTGCATGG 16

RESULT 805
US-08-465-887A-11
; Sequence 11, Application US/08465887A
; Patent No. 6001582
; GENERAL INFORMATION:
; APPLICANT: Haskill, John S.
; APPLICANT: Baldwin Jr., Albert S.
; APPLICANT: Ralph, Peter
; TITLE OF INVENTION: Inhibitor of NF-kB Transcriptional
; TITLE OF INVENTION: Activator and Uses Thereof
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower/ 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606-6402
; COMPUTER READABLE FORM:

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MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/465,887A
 FILING DATE: 06-JUN-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Pochopien, Donald J.
 REGISTRATION NUMBER: 32,167
 REFERENCE/DOCKET NUMBER: 0899,006/33516
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312/474-6300
 TELEFAX: 312/474-0448
 TELEX: 25-3856
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-465-887A-11

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 920 CACGGGACTTTTCAG 934
 |||||
 Db 1 CACAGGGACTTTCCG 15

RESULT 806
 US-09-205-921-40
 ; Sequence 40, Application US/09205921A
 ; Patent No. 6008048
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: ex M. Cowser
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
 ; FILE REFERENCE: RTS-0028
 ; CURRENT APPLICATION NUMBER: US/09/205,921A
 ; CURRENT FILING DATE: 1998-12-04
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO 40
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-205-921-40

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 250 TGAAGGACTTAGACA 264
 |||||
 Db 3 TGAAGGACTTGACA 17

RESULT 807
 US-09-289-376-43/c
 ; Sequence 43, Application US/09289376
 ; Patent No. 6013788
 ; GENERAL INFORMATION:
 ; APPLICANT: Brett P. Monia
 ; APPLICANT: Lex M. Cowser
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION
 ; FILE REFERENCE: RTS-0043
 ; CURRENT APPLICATION NUMBER: US/09/289,376

; CURRENT FILING DATE: 1999-04-09
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO 43
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-289-376-43

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 135 TCTGCTTTGGGGCT 149
 |||||
 Db 18 TCTGCTCTGGTGCT 4

RESULT 808
 US-08-869-696-10
 ; Sequence 10, Application US/08869696C
 ; Patent No. 6031155
 ; GENERAL INFORMATION:
 ; APPLICANT: Cameron-Mills, Verena
 ; APPLICANT: Lok, Finn
 ; APPLICANT: Sinjorgo, Catharina Maria Cornelia
 ; APPLICANT: Van Den Dool, Ronald Tako Marinus
 ; APPLICANT: Caspers, Martinus Petrus Maria
 ; APPLICANT: Van Zeijl-Van Der Valk, Maria Joanna
 ; TITLE OF INVENTION: ARABINOXYLAN DEGRADATION
 ; FILE REFERENCE: 11225, 01US01
 ; CURRENT APPLICATION NUMBER: US/08/869,696C
 ; CURRENT FILING DATE: 1997-06-05
 ; NUMBER OF SEQ ID NOS: 22
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 10
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: barley
 US-08-869-696-10

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 ACAGCAGGATCCTC 574
 |||||
 Db 3 ACAGCAGAGATCATC 17

RESULT 809
 US-09-339-993-11
 ; Sequence 11, Application US/09339993A
 ; Patent No. 6040179
 ; GENERAL INFORMATION:
 ; APPLICANT: Lex M. Cowser
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
 ; FILE REFERENCE: RTS-0064
 ; CURRENT APPLICATION NUMBER: US/09/339,993A
 ; CURRENT FILING DATE: 1999-06-25
 ; NUMBER OF SEQ ID NOS: 47
 ; SEQ ID NO 11
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-339-993-11

Query Match 1.4%; Score 11.8; DB 1; Length 18;
 Best Local Similarity 86.7%; Pred. No. 6.2e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
US-09-043-085-3

Query Match          1.4%;   Score 11.8;   DB 1;   Length 18;
Best Local Similarity 86.7%;   Pred. No. 6.2e+02;
Matches 13;   Conservative 0;   Mismatches 2;   Indels 0;   Gaps 0;

QY      570  TCCTCGCTGCCTCAC 584
        ||| ||| ||| |||
Db       2    TCCTGGCTGGCTCAC 16

RESULT 812
US-09-043-085-27/C
; Sequence 27, Application US/09043085
; Patent No. 6083685
; GENERAL INFORMATION:
; APPLICANT: JuraJ Petrik
; TITLE OF INVENTION: SYSTEMATIC EXTRACTION, AMPLIFICATION AND
; TITLE OF INVENTION: DETECTION OF RETROVIRAL SEQUENCES, AND OLIGONUCLEOTIDES
; TITLE OF INVENTION: FOR USE THEREIN
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SALIWANCHIK, LLOYD & SALIWANCHIK
; STREET: 2421 NW 41st STREET, SUITE A-1
; CITY: GAINESVILLE
; STATE: FLORIDA
; COUNTRY: USA
; ZIP: 32606

```

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COMPIER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent-In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/043,085
FILING DATE: 6-MAR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB96/02196
FILING DATE: 6-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: PACE, DORAN R.
REGISTRATION NUMBER: 38,261
REFERENCE/DOCKET NUMBER: GJE-20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
US-09-043-085-27

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 570 TCCTCGCTGCCTAC 584
Db 17 TCCTGGCTGGCTAC 3

RESULT 813

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```
US-09-344-521-37
; Sequence 37, Application US/09344521
; Patent No. 6100090
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3K P85 EXPRESSION
; FILE REFERENCE: R1S-0062
; CURRENT APPLICATION NUMBER: US/09/344,521
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 37
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-521-37
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 317 AGACTGCAGAGAGC 331
| | | | | | | | | | | | | | | |
Db 4 AGACTGCAGAGAGC 18

RESULT 814
US-09-205-143-81
; Sequence 81, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: R1S-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 81
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-81
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 175 CTCACAGTCACAGTG 189
| | | | | | | | | | | | | | | |
Db 1 CTCACAGTCACAGTG 15

RESULT 815
US-09-289-466-69
; Sequence 69, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: R1S-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-69
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 531 CAACGCCCTCTTCTC 545
| | | | | | | | | | | | | | | |
Db 3 CAACACCTCTTCTC 17

RESULT 816
US-09-213-719-47/C
; Sequence 47, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: R1S-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-47
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 475 AACTTGGCATTCCTC 489
| | | | | | | | | | | | | | | |
Db 16 ATCTTGGCATCCCTC 2

RESULT 817
US-09-038-073-2721/c
; Sequence 2721, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/595,684
; FILING DATE:
```

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2721:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-2721

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 950 TCAACAGCTGGGAC 964
Db 15 TCAAGAGCTGTGCAG 1
|||||

RESULT 818
US-09-632-580A-34
; Sequence 34, Application US/09632580A
; Patent No. 6255111
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION
; FILE REFERENCE: RTS-0054
; CURRENT APPLICATION NUMBER: US/09/632,580A
; CURRENT FILING DATE: 2000-07-31
; NUMBER OF SEQ ID NOS: 93
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-632-580A-34

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 389 GCGGGCACACAC 403
Db 4 GCGAGGACGCACAC 18
|||||

RESULT 819
US-09-381-681-4
; Sequence 4, Application US/09381681
; Patent No. 6255472
; GENERAL INFORMATION:
; APPLICANT: TAKINO, Takashi
; APPLICANT: NAKAMURA, Yusuke
; TITLE OF INVENTION: HUMAN GENES
; FILE REFERENCE: Q55876
; CURRENT APPLICATION NUMBER: US/09/381,681
; CURRENT FILING DATE: 2000-01-10
; EARLIER APPLICATION NUMBER: JPA 9-093044
; EARLIER FILING DATE: 1997-03-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Human

US-09-381-681-4

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 850 AGCCCCCACTGGTG 864
Db 1 AGCACTCACTGGTG 15
|||||

RESULT 820
US-09-377-309-24
; Sequence 24, Application US/09377309B
; Patent No. 6258790
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Condon, Tom P.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION
; FILE REFERENCE: ISPH-0390
; CURRENT APPLICATION NUMBER: US/09/377,309B
; CURRENT FILING DATE: 1999-08-19
; EARLIER APPLICATION NUMBER: 09/166,203
; EARLIER FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 99
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-24

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 300 GGGGCCCTGCATGG 314
Db 2 GGTCTCTGCATGG 16
|||||

RESULT 821
US-09-723-534-20
; Sequence 20, Application US/09723534
; Patent No. 6294382
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION
; FILE REFERENCE: RTS-0225
; CURRENT APPLICATION NUMBER: US/09/723,534
; CURRENT FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-723-534-20

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 746 CTGGTCCTTAAGGA 760
Db 3 CTGGTCATAAGGA 17
|||||

RESULT 822

Query Match	1.4%	Score 11.8;	DB 1;	Length 18;
Best Local Similarity	60.0%;	Pred. No. 6.2e+02;		
Matches 9;	Conservative	4;	Mismatches 2;	Indels 0;
				Gaps 0;

RESULT 824
US-08-584-040-6223/c
; Sequence 6223; Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:

APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 6223:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-6223

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 719 ATTTCAGGAGCTGGC 733
Db 18 ATATCAGGAGCTGGG 4

RESULT 825
US-08-679-645-611/C
Sequence 611, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 611:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-611

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 679 CAGATGGATCTGCAC 693
Db 17 CAGAACGATCTGCAC 3

RESULT 826
US-09-205-995-15
Sequence 15, Application US/09205995
Patent No. 6368855
GENERAL INFORMATION:
APPLICANT: Xu, Minzhen
APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR FILING DATE: 1998-03-09
PRIOR APPLICATION NUMBER: 08/661,627
PRIOR FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 79
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 15
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: antisense
OTHER INFORMATION: oligonucleotide corresponding to a specific region
OTHER INFORMATION: of the mouse Ii gene.
US-09-205-995-15

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 415 AGGCTCTCCGGTGC 429
Db 2 AGGCTCTCCAGTTGC 16

RESULT 827
US-08-294-312B-14
Sequence 14, Application US/08294312B
Patent No. 6380369
GENERAL INFORMATION:
APPLICANT: Adams et al.
TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
FILE REFERENCE: PF106P2

```

/ CURRENT APPLICATION NUMBER: US/08/294,312B
/
/ CURRENT FILING DATE: 1994-08-23
/
/ PRIOR APPLICATION NUMBER: 08/210,143
/
/ PRIOR FILING DATE: 1994-03-16
/
/ PRIOR APPLICATION NUMBER: 08/187,757
/
/ PRIOR FILING DATE: 1994-01-27
/
/ NUMBER OF SEQ ID NOS: 78
/
/ SOFTWARE: PatentIn version 3.0
/
/ SEQ ID NO 14
/
/ LENGTH: 18
/
/ TYPE: DNA
/
/ ORGANISM: Artificial Sequence
/
/ FEATURE:
/
/ OTHER INFORMATION: hmlH1 antisense primer
/
/ US-08-294-312B-14

```

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 828
 US-09-415-784-9/c
 ; Sequence 9, Application US/09415784
 ; Patent No. 6391632
 ; GENERAL INFORMATION:
 ; APPLICANT: Dubensky Jr., Thomas W.
 ; Polo, John W.
 ; Belli, Barbara A.
 ; Schlesinger, Sondra
 ; Dryga, Sergey A.
 ; Frolov, Ilya
 ;
 ; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
 ; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
 ; SYNTHESIS
 ;

Query Match 1.4%; Score 11.8; DB 1; Length 18;

```

Best Local Similarity 86.78; Pred: No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Qy	141	CTAAGCCAGATGCC	455
Db	15	CTAATGCCATATGCC	1

```

RESULT 829
US-09-167-109-7/c
: Sequence 7, Application US/09167109
: Patent No. 6399297
: GENERAL INFORMATION:
: APPLICANT: Baker, Brenda F.
: APPLICANT: Cowsert, Lex M.
: APPLICANT: Monia, Brett P.
: APPLICANT: Xu, Xiaoxing S.
: TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
: FILE REFERENCE: ISPH-0321
: CURRENT APPLICATION NUMBER: US/09/167,109
: CURRENT FILING DATE: 1998-10-06
: NUMBER OF SEQ ID NOS: 228
: SEQ ID NO 7
: LENGTH: 18
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: antisense sequence
US-09-167-109-7

```

Query Match	1.43;	Score 11.8;	DB 1;	Length 18;
Best Local Similarity	86.7%;	Pred. NO. 6.2e+02;		
Matches 13;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;
QY	330	GCTGTGGAGCAACTT	344	
Db	18	GCCTGGAGCAACTT	4	

```

RESULT 830
US-08-468-024B-14
; Sequence 14, Application US/08468024B
; Patent No. 6416984
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PFI06P3
; CURRENT APPLICATION NUMBER: US/08/468,024B
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/2994,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH1 antisense primer
US-08-468-024B-14

```

Query Match	1.4%	Score 11.8;	DB 1;	Length 18;
Best Local Similarity	86.7%;	Prod. NO. 6.2e+02;		
Matches: 13;	Conservative	0;	Mismatches	2;
			Indels	0;
			Gaps	0;
Qy	409	TCCAGCAGGCTCTCC	423	
Db	1	TCCAGGATGCTCTCC	15	

RESULT 831
 US-09-415-785A-9/C
 ; Sequence 9, Application US/09415785A
 ; Patent No. 6426196
 ; GENERAL INFORMATION:
 ; APPLICANT: Dubensky Jr., Thomas W.
 ; Polo, John M.
 ; Belli, Barbara A.
 ; Schlesinger, Sondra
 ; Dryga, Sergey A.
 ; Frolov, Ilya
 ;
 ; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
 ; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
 ; SYNTHESIS
 ;
 ; NUMBER OF SEQUENCES: 125
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Seed Intellectual Property Law Group PLLC
 ; STREET: 701 Fifth Avenue, Suite 6300
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: USA
 ; ZIP: 98104-7092
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/415,785A
FILING DATE: 08-Oct-1999
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:

NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.006
TELECOMMUNICATION INFORMATION:

TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs

```

; type: nucleic acid
;
; STRANDEDNESS: single
;
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-415-785A-9

Query Match      1.4%;      Score 11.8;  DB 1;      Length 18;
Best Local Similarity 86.7%;      Pred. No. 6.2e+00;
Matches 13;      Conservative 0;      Mismatches 2;      Indels 0;      Gaps 0;

QY      441      CTAAGGCCAGATGCC 455
          |||||
          15      CTTATGCCATATGCC 1

```

Db 15 CTAATGCCATATGCC 1

RESULT 832
 US-08-944-465-9/c
 ; Sequence 9, Application US/08944465
 ; Patent No. 6451592
 ;
 ; GENERAL INFORMATION:
 ; APPLICANT: Dubensky Jr., Thomas W.
 ; APPLICANT: Polo, John M.
 ; APPLICANT: Belli, Barbara A.
 ; APPLICANT: Schlesinger, Sondra
 ; APPLICANT: Dryga, Sergey A.
 ; APPLICANT: Frolov, Ilya
 ; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
 ; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
 ; TITLE OF INVENTION: SYNTHESIS
 ; NUMBER OF SEQUENCES: 125

ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 930049,457C4 / 1196.005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-415-868-9

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 441 CTAAAGCCAGATGCC 455
Db 15 CTAATGCCATATGCC 1

RESULT 834
 US-09-415-900-9/c
 ; Sequence 9, Application US/09415900
 ; Patent No. 6485634
 ; GENERAL INFORMATION:
 ; APPLICANT: Dubensky Jr., Thomas W.
 ; APPLICANT: Polo, John M.
 ; APPLICANT: Belli, Barbara A.
 ; APPLICANT: Schlesinger, Sondra
 ; APPLICANT: Dryga, Sergey A.
 ; APPLICANT: Frolov, Ilya
 ; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
 ; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
 ; TITLE OF INVENTION: SYNTHESIS
 ; NUMBER OF SEQUENCES: 125
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Seed Intellectual Property Law Group PLLC
 ; STREET: 701 Fifth Avenue, Suite 6300
 ; CITY: Seattle

```
Query Match      1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      441  CTAAGGCCAGATGCC 455
      ||| ||| ||| |||
Db      15   CTAATGCCATATGCC 1
      ||| ||| ||| |||

RESULT 835
US-08-187-757D-12
; Sequence 12, Application US/08187757D
; Patent No. 6482606
; GENERAL INFORMATION:
; APPLICANT: Adams et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106
; CURRENT APPLICATION NUMBER: US/08/187,757D
; CURRENT FILING DATE: 1994-01-27
; NUMBER OF SEQ. ID NOS: 33
; SOFTWARE: PatentIn version 3.0

```

```
Query Match          1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 409 TCCAGCAGGCTCTCC 423
|||
Db 1 TCCAGGATGCTCTCC 15

```

RESULT 836
US-09-077-619-22
; Sequence 22, Application US/09077619
; Patent No. 6500614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKIAN, Hovanes
; APPLICANT: MADRIGAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-22

```

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels

Qy 836 TGGTACCAGAACACA 850
D_b 3 TGGGACCGGAACACA 17

RESULT 837
US-09-086-663A-31
; Sequence 31, Application US/09086663A
; Patent No. 6518063
; GENERAL INFORMATION:

```
; APPLICANT: DUCY, PATRICIA
; APPLICANT: KARSENTY, GERARD
; TITLE OF INVENTION: OSG2/CBFA1 COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: UTSC:525
; CURRENT APPLICATION NUMBER: US/09/086,663A
; CURRENT FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 60/080,189
; PRIOR FILING DATE: 1998-03-24
; PRIOR APPLICATION NUMBER: 60/048,430
; PRIOR FILING DATE: 1997-05-29
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primer
US-09-086-663A-31
```

```
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 445 ACCGAGTCCCTTC 459
Db 4 AGCCAGTACGCTCC 18
|||||
```

```
RESULT 838
US-09-422-978-7128/C
; Sequence 7128, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7128
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-24470 for SEQ 3194,
US-09-422-978-7128
```

```
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 650 ACCGAGTGTCTCAT 664
Db 17 ACCGTGTGTTCTAAT 3
|||||
```

```
RESULT 839
US-09-422-978-9707
; Sequence 9707, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
```

```
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9707
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-6804 for SEQ 1842, in complemer
US-09-422-978-9707
```

```
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 272 CTTCAAGAGTTGTT 286
Db 3 CTTCAAGAGTTGTT 17
|||||
```

```
RESULT 840
US-09-422-978-11502
; Sequence 11502, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11502
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-8232 for SEQ 3637, in complemer
US-09-422-978-11502
```

```
Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 267 AGCACCTTCAGAAAG 281
Db 1 AGCACCCACAGAAAG 15
|||||
```

```
RESULT 841
US-09-371-772B-2217
```

```
; Sequence 2217, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2217
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2217

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 60.0%; Pred. No. 6.2e+02;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTGAAG 254
Db 3 GCUCAGAUUUUGAG 17

RESULT 842
US-09-371-772B-2985/c
; Sequence 2985, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2985
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2985

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 719 ATTTAGGAGCTGCG 733
Db 18 ATATCAGGAGCTGGG 4

RESULT 843
US-09-507-362-9/c
; Sequence 9, Application US/09507362
; Patent No. 6592874
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,362
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457D6 /1196.011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 9:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-507-362-9

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 441 CTAAGCCAGATGCC 455
Db 15 CTAATGCCATATGCC 1

RESULT 844
US-09-322-357-34/c
; Sequence 34, Application US/09322357
; Patent No. 6593104
; GENERAL INFORMATION:
; APPLICANT: STONE, EDWIN M.
; APPLICANT: SHEFFIELD, VAL C.
; TITLE OF INVENTION: MACULAR DEGENERATION DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: UIA-018.03
; CURRENT APPLICATION NUMBER: US/09/322,357
; CURRENT FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-322-357-34
```

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 638 CCGTCCCTGCAACC 652
DB 18 CAGCTCACTGCAACC 4

RESULT 845
US-08-465-679-14
; Sequence 14, Application US/08465679
; Patent No. 6610477
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P4
; CURRENT APPLICATION NUMBER: US/08/465,679
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH1 antisense primer
US-08-465-679-14

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCTCC 423
DB 1 TCCAGGATGCTCTCC 15

RESULT 846
US-08-210-143C-12
; Sequence 12, Application US/08210143C
; Patent No. 6620619
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P1
; CURRENT APPLICATION NUMBER: US/08/210,143C
; CURRENT FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH1 antisense primer
US-08-210-143C-12

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 TCCAGCAGGCTCTCC 423
DB 1 TCCAGGATGCTCTCC 15

Db 1 TCCAGGATGCTCTCC 15

RESULT 847
US-09-614-748A-31
; Sequence 31, Application US/09614748A
; Patent No. 6660474
; GENERAL INFORMATION:
; APPLICANT: FELDER, ROBIN A.
; APPLICANT: JOSE, PEDRO
; TITLE OF INVENTION: G PROTEIN-RELATED KINASE MUTANTS IN ESSENTIAL
; TITLE OF INVENTION: HYPERTENSION
; FILE REFERENCE: FELDER 3.9-001 CONT
; CURRENT APPLICATION NUMBER: US/09/614,748A
; CURRENT FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: PCT/US99/006663
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/071,199
; PRIOR FILING DATE: 1998-01-12
; PRIOR APPLICATION NUMBER: 60/098,279
; PRIOR FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GRK4 allele
US-09-614-748A-31

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 796 TGCAGGACTGACTGA 810
DB 4 TGTAGGACTGCTGA 18

RESULT 848
US-09-726-774-136/c
; Sequence 136, Application US/09726774
; Patent No. 6677153
; GENERAL INFORMATION:
; APPLICANT: Iversen, Patrick L.
; TITLE OF INVENTION: Antisense Antibacterial Method and
; FILE REFERENCE: Composition
; CURRENT APPLICATION NUMBER: US/09/726,774
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 60/168,150
; PRIOR FILING DATE: 1999-11-29
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligomer
US-09-726-774-136

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 GGATCTGCACCGC 698
DB 18 GGATCAGCAGCGC 4

RESULT 849
5171843-2
; PATENT NO. 5171843
; APPLICANT: NUSSENZWEIG, VICTOR
; TITLE OF INVENTION: IMMUNOGENIC POLYPEPTIDE AND METHOD FOR
; PURIFYING IT
; NUMBER OF SEQUENCES: 13
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/175,112
; FILING DATE: 30-MAR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 754,645
; FILING DATE: 9-JUL-1985
; APPLICATION NUMBER: 115,634
; FILING DATE: 26-OCT-1987
; APPLICATION NUMBER: 649,903
; FILING DATE: 12-SEP-1984
; SEQ ID NO:2:
; LENGTH: 18
5171843-2

Query Match 1.4%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 6.2e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 809 GAACCTGGTACTGT 823
| | | | | | | | | |
DB 2 GAACCTGGTACCGT 16

RESULT 850
US-08-031-143B-58
; Sequence 58, Application US/08031143B
; Patent No. 5518860
; GENERAL INFORMATION:
; APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
; APPLICANT: MCBRIDE, O. WESLEY
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
; TREATMENT OF XSCID
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/031,143B
; FILING DATE: 12-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; DESCRIPTION: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-58

Query Match 1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 6.7e+02;

; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-58

Query Match 1.4%; Score 11.8; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 6.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 382 TCCTGCTGGCGGCA 396
| | | | | | | | | |
DB 1 TCCTGCTGGCAGCA 15

RESULT 851
PCT-US94-02891-58
; Sequence 58, Application PC/TUS9402891
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
; APPLICANT: SERVICES
; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
; XSCID
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02891
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,143
; FILING DATE: 12-MAR-1993
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE: OLIGONUCLEOTIDE
; DESCRIPTION: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
PCT-US94-02891-58


```
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 382 TCTCTCTGGCGGCA 396
    |||||
Db 1 TCTCTCTGGCGGCA 15

RESULT 852
US-07-994-133-17/c
; Sequence 17, Application US/07994133
; Patent No. 5436392
; GENERAL INFORMATION:
; APPLICANT: Thomas, John C.
; APPLICANT: Bohner, Hans J.
; APPLICANT: Kanost, Michael R.
; TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING M. SEXTA
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESS: Greenlee and Winner
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: CO
; COUNTRY: USA
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/994,133
; FILING DATE: 19921221
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenlee, Lorance L.
; REGISTRATION NUMBER: 27,894
; REFERENCE/DOCKET NUMBER: 48-92
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 303/499-8080
; TELEFAX: 303/499-8089
; TELEX: 823189
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-994-133-17

Query Match 1.4%; Score 11.8; DB 1; Length 20;
Best Local Similarity 86.7%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 720 TTTCAGGAGCTCGG 734
    |||||
Db 19 TTTCAGGAGCTGAGG 5

RESULT 853
US-07-270-140A-21
; Sequence 21, Application US/09270140A
; Patent No. 6361941
; GENERAL INFORMATION:
; APPLICANT: Todd, Allison
; APPLICANT: Fuery, Caroline
; APPLICANT: Cairns, Murray
; TITLE OF INVENTION: Catalytic Nucleic Acid base Diagnostic Methods
; FILE REFERENCE: J&J1799
; CURRENT APPLICATION NUMBER: US/09/270,140A
; CURRENT FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 60/079,651
```

```
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:mutant RNA (Cto
; OTHER INFORMATION: a, G or U)
US-09-270-140A-21
```

```
Query Match 1.4%; Score 11.6; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 5e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 771 CTCGAGAGAGCTG 784
    |||||
Db 2 CUGGADAAGAAGAG 15
```

```
RESULT 854
US-09-404-296B-12
; Sequence 12, Application US/09404296B
; Patent No. 6559358
; GENERAL INFORMATION:
; APPLICANT: MURRAY, James Augustus Henry
; TITLE OF INVENTION: PLANTS WITH MODIFIED GROWTH
; FILE REFERENCE: 2121-0151P
; CURRENT APPLICATION NUMBER: US/09/404,296B
; CURRENT FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic degenerate oligonucleotide corresponding to the
; OTHER INFORMATION: sequences encoding conserved amino acid sequences within the
; OTHER INFORMATION: cyclin box for PCR amplification of a D1 type cyclin.
US-09-404-296B-12
```

```
Query Match 1.4%; Score 11.6; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 6.2e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 744 GCCTTGCTCCTTAAGG 759
    |||||
Db 1 GCGTGGATCTYAAGG 16
```

```
RESULT 855
US-09-676-610B-155
; Sequence 155, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-155
```

Query Match 1.4%; Score 11.6; DB 1; Length 20;
 Best Local Similarity 77.8%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 204 CTGGGTTCCAGCCCTCT 221
 DB 2 CGGGGTTCAATCACT 19

RESULT 856

US-09-844-497-4/c
 ; Sequence 4, Application US/09844497
 ; Patent No. 6541251
 ; GENERAL INFORMATION:
 ; APPLICANT: Sarvetnick, No. 6541251a
 ; APPLICANT: Fox, Howard
 ; TITLE OF INVENTION: Pancreatic Progenitor 1 Gene and its
 ; TITLE OF INVENTION: Uses
 ; FILE REFERENCE: STEM005
 ; CURRENT APPLICATION NUMBER: US/09/844,497
 ; CURRENT FILING DATE: 2001-04-26
 ; PRIOR APPLICATION NUMBER: 60/199,752
 ; PRIOR FILING DATE: 2000-04-26
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 4
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: mus musculus
 ; US-09-844-497-4

Query Match 1.4%; Score 11.6; DB 1; Length 20;
 Best Local Similarity 77.8%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 218 CTCTCAGAGTGACGGC 235
 DB 18 CTCTCTGAAGGACGGC 1

RESULT 857

US-09-853-768-66/c
 ; Sequence 66, Application US/09853768
 ; Patent No. 6444466
 ; GENERAL INFORMATION:
 ; APPLICANT: Donna T. Ward
 ; APPLICANT: Andrew T. Watt
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
 ; FILE REFERENCE: RIS-0217
 ; CURRENT APPLICATION NUMBER: US/09/853,768
 ; CURRENT FILING DATE: 2001-05-10
 ; NUMBER OF SEQ ID NOS: 91
 ; SEQ ID NO 66
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 ; US-09-853-768-66

Query Match 1.4%; Score 11.6; DB 1; Length 20;
 Best Local Similarity 77.8%; Pred. No. 8e+02; 4; Indels 0; Gaps 0;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 825 GTGCTGAAGCTGGTACC 842
 DB 18 GGGGCTGAAGTGTCTCC 1

RESULT 858

US-09-866-108A-13275
 ; Sequence 13275, Application US/09866108A
 ; Patent No. 6686188

GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 13275
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-13275

Query Match 1.4%; Score 11.6; DB 1; Length 25;
 Best Local Similarity 77.8%; Pred. No. 1.1e+03;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGCAG 416
 DB 4 CACAGCCAGCTGGAGCAG 21

RESULT 859

US-09-866-108A-13276
 ; Sequence 13276, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 13276
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13276

Query Match      1.4%; Score 11.6; DB 1; Length 25;
Best Local Similarity 77.8%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGCAG 416
DB 3 CACAGCCAGCTGGAGCAG 20

RESULT 860
US-09-866-108A-13277
; Sequence 13277, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
```

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; SEQ ID NO 13277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13277

Query Match      1.4%; Score 11.6; DB 1; Length 25;
Best Local Similarity 77.8%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGCAG 416
DB 2 CACAGCCAGCTGGAGCAG 19

RESULT 861
US-08-559-508-6/c
; Sequence 6, Application US/08559508
; Patent No. 5641633
; GENERAL INFORMATION:
; APPLICANT: Linn, Carl P.
; APPLICANT: Walker, George T.
; APPLICANT: Spears, Patricia A.
; TITLE OF INVENTION: FLUORESCENCE POLARIZATION DETECTION OF
; TITLE OF INVENTION: NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Richard J. Rodrick, Becton Dickinson and
; ADDRESSEE: Company
; STREET: 1 Becton Drive
; CITY: Franklin Lakes
; STATE: NJ
; COUNTRY: US
; ZIP: 07417
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,508
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Fugit, Donna R.
; REGISTRATION NUMBER: 32,135
; REFERENCE/DOCKET NUMBER: P-3555
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-559-508-6

Query Match      1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 598 GTTGGCGGTGGA 610
DB 13 GTTGGCGGTGGA 1

RESULT 862
US-07-936-421-9
; Sequence 9, Application US/07936421
; Patent No. 5750390
; GENERAL INFORMATION:
; APPLICANT: James D. Thompson
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: METHOD AND REAGENT FOR
```

; TITLE OF INVENTION: TREATMENT OF DISEASES CAUSED
 ; TITLE OF INVENTION: BY EXPRESSION OF THE BCL-2
 ; NUMBER OF SEQUENCES: 22
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 611 West Sixth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 90017
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
 ; SOFTWARE: WordPerfect (Version 5.1)
 ; CURRENT APPLICATION DATA: described below:
 ; APPLICATION NUMBER: US/07/936,421
 ; FILING DATE: 19920826
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA: including application
 ; PRIOR APPLICATION DATA: described below:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 197/243
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 9:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 13
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-07-936-421-9

none

Query Match 1.4%; Score 11.4; DB 1; Length 13;
 Best Local Similarity 84.6%; Pred. No. 4.3e+02;
 Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 424 GGCTGCCCTGC 436
 Db 1 GGCUGCCCCCGC 13

RESULT 863
 US-08-559-010-5/c
 ; Sequence 5, Application US/08559010
 ; Patent No. 5800989
 ; GENERAL INFORMATION:
 ; APPLICANT: Linn, Carl P.
 ; APPLICANT: Walker, George T.
 ; APPLICANT: Spears, Patricia A.
 ; TITLE OF INVENTION: FLUORESCENCE POLARIZATION DETECTION OF
 ; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
 ; NUMBER OF SEQUENCES: 5
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Richard J. Rodrick, Becton Dickinson and
 ; ADDRESS: Company
 ; STREET: 1 Becton Drive
 ; CITY: Franklin Lakes
 ; STATE: NJ
 ; COUNTRY: US
 ; ZIP: 07417
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/559,010
 ; FILING DATE:
 ; CLASSIFICATION: 536
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Fugit, Donna R.
 ; REGISTRATION NUMBER: 32,135
 ; REFERENCE/DOCKET NUMBER: P-3473
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 13 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-08-559-010-5

Query Match 1.4%; Score 11.4; DB 1; Length 13;
 Best Local Similarity 92.3%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 598 GGTGCGGGTGA 610
 Db 13 GTTGGGGTGA 1

RESULT 864
 US-08-983-041-2
 ; Sequence 2, Application US/08983041A
 ; Patent No. 6114155
 ; GENERAL INFORMATION:
 ; APPLICANT: Statens Institutt for Folkehelsetse
 ; TITLE OF INVENTION: Internal Control and Method for Surveillance of GAP-LCR
 ; FILE REFERENCE: 23506 examples 3a-3c
 ; CURRENT APPLICATION NUMBER: US/08/983,041A
 ; CURRENT FILING DATE: 1998-01-15
 ; NUMBER OF SEQ ID NOS: 24
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 2
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Hepatitis B virus
 ; FEATURE:
 ; US-08-983-041-2

Query Match 1.4%; Score 11.4; DB 1; Length 13;
 Best Local Similarity 92.3%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 616 CCATCTCAACCAG 628
 Db 1 CCATCTGAACCAG 13

RESULT 865
 US-08-983-041-10
 ; Sequence 10, Application US/08983041A
 ; Patent No. 6114155
 ; GENERAL INFORMATION:
 ; APPLICANT: Statens Institutt for Folkehelsetse
 ; TITLE OF INVENTION: Internal Control and Method for Surveillance of GAP-LCR
 ; FILE REFERENCE: 23506 examples 3a-3c
 ; CURRENT APPLICATION NUMBER: US/08/983,041A
 ; CURRENT FILING DATE: 1998-01-15
 ; NUMBER OF SEQ ID NOS: 24
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 10
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Hepatitis B virus
 ; FEATURE:

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US-08-983-041-10
Query Match      1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      616 CCATCTCAACCAG 628
      ||||| |||||
DB      1 CCATCTGAACCAG 13

RESULT 866
US-08-983-041-18
; Sequence 18, Application US/08983041A
; Patent No. 6114155
; GENERAL INFORMATION:
; APPLICANT: Statens Institut for Folkehelsete
; TITLE OF INVENTION: Internal Control and Method for Surveillance of GAP-LCR
; FILE REFERENCE: 23506 examples 3a-3c
; CURRENT APPLICATION NUMBER: US/08/983,041A
; CURRENT FILING DATE: 1998-01-15
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Hepatitis B virus
; FEATURE:
US-08-983-041-18

Query Match      1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      616 CCATCTCAACCAG 628
      ||||| |||||
DB      1 CCATCTGAACCAG 13

RESULT 867
US-09-358-972-106/c
; Sequence 106, Application US/09358972
; Patent No. 6235480
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; CURRENT APPLICATION NUMBER: US/09/358,972
; CURRENT FILING DATE: 1999-07-22
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 106
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: probe for human prothrombin gene
US-09-358-972-106

```

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US-09-406-064-87/c
; Sequence 87, Application US/09406064
; Patent No. 6270973
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith V.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION
; FILE REFERENCE: PRO-107.0 (6868/75532)
; CURRENT APPLICATION NUMBER: US/09/406,064
; CURRENT FILING DATE: 1999-09-27
; EARLIER APPLICATION NUMBER: 09/358,972
; EARLIER FILING DATE: 1999-07-21
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-406-064-87

Query Match      1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      173 CGCTGACAGTCAC 185
      ||||| |||||
DB      13 CGCTGAGAGTCAC 1

RESULT 868
US-09-406-064-87/c
; Sequence 87, Application US/09406064
; Patent No. 6270973
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Wood, Keith V.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION
; FILE REFERENCE: PRO-107.0 (6868/75532)
; CURRENT APPLICATION NUMBER: US/09/406,064
; CURRENT FILING DATE: 1999-09-27
; EARLIER APPLICATION NUMBER: 09/358,972
; EARLIER FILING DATE: 1999-07-21
; EARLIER APPLICATION NUMBER: 09/252,436
; EARLIER FILING DATE: 1999-02-18
; EARLIER APPLICATION NUMBER: 09/042,287
; EARLIER FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 87
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-406-064-87

Query Match      1.4%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      173 CGCTGACAGTCAC 185
      ||||| |||||
DB      13 CGCTGAGAGTCAC 1

RESULT 869
US-09-406-065-28/c
; Sequence 28, Application US/09406065
; Patent No. 6312902
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Leippe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B
; APPLICANT: Andrews, Christine A
; APPLICANT: Hartnett, James R
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Improved Nucleic Acid Detection
; FILE REFERENCE: Improved Nucleic Acid Detection
; CURRENT APPLICATION NUMBER: US/09/406,065
; CURRENT FILING DATE: 1999-09-27

```

; EARLIER APPLICATION NUMBER: 09/358,972
 ; EARLIER FILING DATE: 1999-07-21
 ; EARLIER APPLICATION NUMBER: 09/252,436
 ; EARLIER FILING DATE: 1999-02-18
 ; EARLIER APPLICATION NUMBER: 09/042,287
 ; EARLIER FILING DATE: 1998-03-13
 ; NUMBER OF SEQ ID NOS: 81
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 28
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-406-065-28

Query Match 1.4%; Score 11.4; DB 1; Length 13;
 Best Local Similarity 92.3%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 CGCTGACAGTCAC 185
 DB 13 CGCTGAGATCAC 1

RESULT 870
 US-08-974-738-6/c
 ; Sequence 6, Application US/08974738
 ; Patent No. 6379929
 ; GENERAL INFORMATION:
 ; APPLICANT: Burns, Mark A.
 ; APPLICANT: Burke, David T.
 ; APPLICANT: Johnson, Brian N.
 ; APPLICANT: DeNuzzio, John D.
 ; TITLE OF INVENTION: CHIP-BASED ISOTHERMAL AMPLIFICATION
 ; TITLE OF INVENTION: DEVICES AND METHODS
 ; NUMBER OF SEQUENCES: 6
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Arnold, White & Durkee
 ; STREET: P.O. Box 4433
 ; CITY: Houston
 ; STATE: Texas
 ; COUNTRY: USA
 ; ZIP: 77210
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/974,738
 ; FILING DATE: Concurrently Herewith
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/031590
 ; FILING DATE: 20-NOV-1996
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Hibler, David W.
 ; REGISTRATION NUMBER: 41,071
 ; REFERENCE/DOCKET NUMBER: UMC:023
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 512/418-3000
 ; TELEFAX: 512/474-7577
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 13 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 US-08-974-738-6

Query Match 1.4%; Score 11.4; DB 1; Length 13;
 Best Local Similarity 92.3%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 598 GGTGGCGGTGGA 610
 DB 13 GTTGGCGGTGGA 1

RESULT 871
 US-09-788-847-87/c
 ; Sequence 87, Application US/09788847
 ; Patent No. 6653078
 ; GENERAL INFORMATION:
 ; APPLICANT: Shultz, John W.
 ; APPLICANT: Lewis, Martin K.
 ; APPLICANT: Leippe, Donna
 ; APPLICANT: Mandrekar, Michelle
 ; APPLICANT: Kephart, Daniel
 ; APPLICANT: Rhodes, Richard B.
 ; APPLICANT: Andrews, Christine A.
 ; APPLICANT: Hartnett, James R.
 ; APPLICANT: Gu, Trent
 ; APPLICANT: Wood, Keith V.
 ; APPLICANT: Welch, Roy
 ; TITLE OF INVENTION: MULTIPLEX METHOD FOR NUCLEIC ACID DETECTION
 ; FILE REFERENCE: PRO-107.0 (6868/75532)
 ; CURRENT APPLICATION NUMBER: US/09/788,847
 ; CURRENT FILING DATE: 2001-02-20
 ; PRIOR APPLICATION NUMBER: 09/406,064
 ; PRIOR FILING DATE: 1999-09-27
 ; PRIOR APPLICATION NUMBER: 09/252,436
 ; PRIOR FILING DATE: 1999-02-18
 ; PRIOR APPLICATION NUMBER: 09/042,287
 ; PRIOR FILING DATE: 1998-03-13
 ; NUMBER OF SEQ ID NOS: 99
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 87
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-788-847-87

Query Match 1.4%; Score 11.4; DB 1; Length 13;
 Best Local Similarity 92.3%; Pred. No. 4.3e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 173 CGCTGACAGTCAC 185
 DB 13 CGCTGAGATCAC 1

RESULT 872
 US-08-374-155A-25/c
 ; Sequence 25, Application US/08374155A
 ; Patent No. 5786140
 ; GENERAL INFORMATION:
 ; APPLICANT: Mattes, Ralf
 ; APPLICANT: Klein, Kathrin
 ; APPLICANT: Schiweck, Hubert
 ; APPLICANT: Kunz, Markwart
 ; APPLICANT: Munir, Mohammed
 ; TITLE OF INVENTION: Preparation of Acariogenic Sugar
 ; TITLE OF INVENTION: Substitutes
 ; NUMBER OF SEQUENCES: 26
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 ; ADDRESSEE: Dunner
 ; STREET: 1300 I Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20005-3315
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/374,155A
FILING DATE: 18-JAN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Forman, David S
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 05638.0006-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-374-155A-25

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 69.2%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 709 CCATAGCCAAAT 721
DB 14 CORTACCAAYT 2

RESULT 873
US-08-485-689-81/c
Sequence 81, Application US/08485689
Patent No. 5856188
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,689
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-CLX/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-485-689-81

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 951 CAACAGCTGGGCA 963
DB 13 CAACAGTGGGCA 1

RESULT 874
US-08-476-021A-81/c
Sequence 81, Application US/08476021A
Patent No. 5858785
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States Of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/476,021A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-DZ/JPW/KJP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-476-021A-81

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 951 CAACAGCTGGGCA 963
DB 13 CAACAGTGGGCA 1

RESULT 875
US-08-765-176-5
Sequence 5, Application US/08765176
Patent No. 5863772
GENERAL INFORMATION:
APPLICANT: KAWATA, MOTOSHIGE
TITLE OF INVENTION: METHOD OF INDIVIDUAL DISCRIMINATION BY
TITLE OF INVENTION: POLYMERASE CHAIN REACTION USING MI PRIMER
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
ADDRESSEE: P.C.
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
CITY: ARLINGTON
STATE: VA
COUNTRY: USA

ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,176
FILING DATE: 13-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/01246
FILING DATE: 05-DEC-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 7-138543
FILING DATE: 12-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: OBLON, NORMAN F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 8055-001-0 PCT
TELEPHONE: 713-413-3000
TELEFAX: 713-413-2220
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
US-08-765-176-5

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 604 GGGTGGACGTGGC 616
|||||
DB 2 GGGTGGACGGGC 14

RESULT 876
US-08-478-608B-81/c
Sequence 81, Application US/08478608B
Patent No. 5869339
GENERAL INFORMATION:
APPLICANT: Hampel, Arnold E.
APPLICANT: Tritz, Richard H.
TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
NUMBER OF SEQUENCES: 90
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,608B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 43863-C12/JPW/KJP
TELEPHONE: 212-278-0400

TELEFAX: 212-278-0526
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA (genomic)
US-08-478-608B-81

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 951 CAACAGCTGGCA 963
|||||
DB 13 CAACAGATGGCA 1

RESULT 877
US-08-785-396-25/c
Sequence 25, Application US/08785396
Patent No. 5985622
GENERAL INFORMATION:
APPLICANT: Mattes, Ralf
APPLICANT: Klein, Kathrin
APPLICANT: Schiweck, Hubert
APPLICANT: Kunz, Markwart
APPLICANT: Munir, Mohammed
TITLE OF INVENTION: Preparation of Acariogenic Sugar
TITLE OF INVENTION: Substitutes
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/785,396
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/374,155
FILING DATE: 18-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Forman, David S
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 05638.0006-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-785-396-25

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 69.2%; Pred. No. 4.9e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 709 CCATAGCCAAATT 721

Db 14 CCKTARCCRAAYT 2

RESULT 878

US-08-985-162-1819

; Sequence 1819, Application US/08985162

; Patent No. 6057156

; GENERAL INFORMATION:

; APPLICANT: Akhtar, Saghir

; APPLICANT: Fell, Patricia

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT

; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED

; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

; TITLE OF INVENTION: FACTOR RECEPTORS

; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: Storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSeq for Windows 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/985,162

; FILING DATE: 04 December 1997

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/036,476

; FILING DATE: 31 January 1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 230/107

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1819:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 14 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-985-162-1819

Query Match 1.4%; Score 11.4; DB 1; Length 14;

Best Local Similarity 76.9%; Pred. No. 4.9e+02;

Mismatches 2; Indels 0; Gaps 0;

Matches 10; Conservative 2;

QY 423 CGGCTGCCCTCG 435

Db 1 CGGCGGCGCCUG 13

RESULT 879

US-08-913-833-18

; Sequence 18, Application US/08913833

; Patent No. 6087093

; GENERAL INFORMATION:

; APPLICANT: STUYVER, LIEVEN

; APPLICANT: LOUWAGIE, JOOST

; APPLICANT: ROSSAU, RUDI

; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED

; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE

; NUMBER OF SEQUENCES: 164

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: ARNOLD, WHITE & DURKEE

; STREET: P.O. BOX 4433

; CITY: HOUSTON

; STATE: TEXAS

; COUNTRY: USA

; ZIP: 77210-4433

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Microsoft Word 6.0 / ASCII text output

; CURRENT APPLICATION DATA:

US-08-913-833-18

Query Match 1.4%; Score 11.4; DB 1; Length 14;

Best Local Similarity 92.3%; Pred. No. 4.9e+02;

Mismatches 0; Indels 0; Gaps 0;

Matches 12; Conservative 0;

QY 767 AGAAGTGGAGAG 779

Db 1 AGAAGTGGAGAG 13

RESULT 880

US-08-913-833-22

; Sequence 22, Application US/08913833

; Patent No. 6087093

; GENERAL INFORMATION:

; APPLICANT: STUYVER, LIEVEN

; APPLICANT: LOUWAGIE, JOOST

; APPLICANT: ROSSAU, RUDI

; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED

; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE

; NUMBER OF SEQUENCES: 164

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: ARNOLD, WHITE & DURKEE

; STREET: P.O. BOX 4433

; CITY: HOUSTON

; STATE: TEXAS

; COUNTRY: USA

; ZIP: 77210-4433

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Microsoft Word 6.0 / ASCII text output

; CURRENT APPLICATION DATA:

US-08-913-833-18

Query Match 1.4%; Score 11.4; DB 1; Length 14;

Best Local Similarity 92.3%; Pred. No. 4.9e+02;

Mismatches 0; Indels 0; Gaps 0;

Matches 12; Conservative 0;

QY 767 AGAAGTGGAGAG 779

Db 1 AGAAGTGGAGAG 13

```

; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA: EP 96870005.4
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-22

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 766 CAGAACTGGAGAA 778
Db 2 CAGAACTGGAAA 14
|||||

RESULT 881
US-08-476-423A-81/c
; Sequence 81, Application US/08476423A
; Patent No. 6221561
; GENERAL INFORMATION:
; APPLICANT: Hampel, Arnold E.
; APPLICANT: Tritz, Richard H.
; TITLE OF INVENTION: RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States Of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/476,423A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 43863-C2/JPM/KJP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-278-0526
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA: EP 96870005.4
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: RNA (genomic)
; US-08-476-423A-81
; Query Match 1.4%; Score 11.4; DB 1; Length 14;
; Best Local Similarity 92.3%; Pred. No. 4.9e+02;
; Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 951 CAACAGCTGGCA 963
Db 13 CAACAGATGGCA 1
|||||

RESULT 882
US-09-580-794C-18
; Sequence 18, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 18
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
; US-09-580-794C-18

Query Match 1.4%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 767 AGAACTGGAGAAG 779
Db 1 AGAACTGGAAAAG 13
|||||

RESULT 883
US-09-580-794C-22
; Sequence 22, Application US/09580794C
; Patent No. 6331389
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; APPLICANT: Louwagie, Joost
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE
; FILE REFERENCE: INNS008--2
; CURRENT APPLICATION NUMBER: US/09/580,794C
; CURRENT FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093
; PRIOR FILING DATE: 1997-09-15
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: EP 96870005.4
; PRIOR FILING DATE: 1996-01-26
; PRIOR APPLICATION NUMBER: EP 96870081.5
; PRIOR FILING DATE: 1996-06-25
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Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 484 TTCTCAGGATCT 496
 |||||
 Db 1 TTGTCAGGATCT 13

RESULT 885
 US-09-401-063-1819
 ; Sequence 1819, Application US/09401063
 ; Patent No. 6623962
 ; GENERAL INFORMATION:
 ; APPLICANT: Akhtar, Saghir
 ; APPLICANT: Fell, Patricia
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 ; TITLE OF INVENTION: FACTOR RECEPTORS
 ; NUMBER OF SEQUENCES: 1877
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: FastSeq for Windows 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/401,063
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/985,162
 ; FILING DATE: 04 December 1997
 ; APPLICATION NUMBER: 60/036,476
 ; FILING DATE: 31 January 1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 230/107
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1819:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-401-063-1819

Query Match 1.4%; Score 11.4; DB 1; Length 14;
 Best Local Similarity 76.9%; Pred. No. 4.9e+02;
 Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 423 CGGCTGCCCTG 435
 |||||
 Db 1 CGGCTGCCCTG 13

RESULT 886
 US-08-474-542A-37/C
 ; Sequence 37, Application US/08474542A
 ; Patent No. 5527898
 ; GENERAL INFORMATION:

NUMBER OF SEQ ID NOS: 164
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 22
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic Primer
 ; US-09-580-794C-22

Query Match 1.4%; Score 11.4; DB 1; Length 14;
 Best Local Similarity 92.3%; Pred. No. 4.9e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CAGAACTGGAGAA 778
 |||||
 Db 2 CAGAACTGGAGAA 14

RESULT 884
 US-08-535-249-63
 ; Sequence 63, Application US/08535249
 ; Patent No. 6455689
 ; GENERAL INFORMATION:
 ; APPLICANT: Schlingensiepen, Georg-Ferdinand
 ; APPLICANT: Bysch, Wolfgang
 ; APPLICANT: Schlingensiepen, Karl-Hermann
 ; APPLICANT: Schlingensiepen, Reimar
 ; APPLICANT: Bogdahn, Ulrich
 ; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
 ; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
 ; NUMBER OF SEQUENCES: 137
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Jacobson, Price, Holman & Stern
 ; STREET: 400 Seventh St. N.W.
 ; CITY: Washington D.C.
 ; COUNTRY: U.S.A.
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/535,249
 ; FILING DATE:
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: EP 93 107 089.0
 ; FILING DATE: 30-APR-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: EP 93 107 849.7
 ; FILING DATE: 13-MAY-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Player, William E.
 ; REGISTRATION NUMBER: 31,409
 ; REFERENCE/DOCKET NUMBER: 10577/P58418
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 638-6666
 ; TELEFAX: (202) 393-5350
 ; TELEX: RCA 248593 IDEA UR
 ; INFORMATION FOR SEQ ID NO: 63:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: DNA (genomic)
 ; ANTI-SENSE: YES
 ; US-08-535-249-63

Query Match 1.4%; Score 11.4; DB 1; Length 14;
 Best Local Similarity 92.3%; Pred. No. 4.9e+02;

```

; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Impraim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,542A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9234
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-474-542A-37

```

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Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 168 CATCCGCTGACA 180
Db 13 CATCCGCTGACA 1

```

```

RESULT 887
US-08-319-492B-178/C
; Sequence 178, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwigen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

```

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; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 178:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-319-492B-178

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 937 TTGTTTTATGAG 949
Db 15 TTGTTTTATGAG 3

RESULT 888
US-08-247-908A-7/c
; Sequence 7, Application US/08247908A
; Patent No. 5637480
; GENERAL INFORMATION:
; APPLICANT: CELESTE, Anthony J
; APPLICANT: WOZNEY, John
; TITLE OF INVENTION: BMP-10 COMPOSITIONS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENETICS INSTITUTE, INC.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02144
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/247,908A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAZAR, Steven R.
; REGISTRATION NUMBER: 32,618
; REFERENCE/DOCKET NUMBER: GI 5206-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617 876-1170 x8260
; TELEFAX: 617 876-5851
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:

```

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE: DNA inserted into pMT2 CXM
US-08-247-908A-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
Db 14 TCGAGTGCCCAT 2

RESULT 889
US-08-247-907A-7/c
Sequence 7, Application US/08247907A
Patent No. 5639638
GENERAL INFORMATION:
APPLICANT: KOZNEY, John
TITLE OF INVENTION: BMP-11 COMPOSITIONS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENETICS INSTITUTE, INC.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/247,907A
FILING DATE: May 20, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: G15205-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 876-1170
TELEFAX: 617 876-5851
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE: DNA inserted into pMT2 CXM
US-08-247-907A-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
Db 14 TCGAGTGCCCAT 2

RESULT 890
US-08-457-648-37/c
Sequence 37, Application US/08457648

Patent No. 5639871
GENERAL INFORMATION:
APPLICANT: Bauer, Heidi M.
APPLICANT: Gravitt, Patti E.
APPLICANT: Greer, Catherine E.
APPLICANT: Impraum, Chaka C.
APPLICANT: Manos, M. Michele
APPLICANT: Resnick, Robert M.
TITLE OF INVENTION: Detection of Human Papillomavirus by the
NUMBER OF SEQUENCES: 298
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hoffmann-La Roche Inc.
STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,648
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 9205
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-457-648-37

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 168 CATCCCGCTGACA 180
Db 13 CATCCCGCTGACA 1

RESULT 891
US-08-291-932A-68/c
Sequence 68, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwigen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NP-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-71

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 246 CTCCTGAAGGACT 258
Db 13 CTCCTGAAGGCT 1

RESULT 894
US-08-050-132A-5/c
Sequence 5, Application US/08050132A
Patent No. 5661007
GENERAL INFORMATION:
APPLICANT: Wozney, John M.
APPLICANT: Celeste, Anthony
TITLE OF INVENTION: BMP-9 COMPOSITIONS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: Legal Affairs - 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: US
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,132A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kapinos, Ellen J.
REGISTRATION NUMBER: 32,245
REFERENCE/DOCKET NUMBER: GI 5186A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 876-1170
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
US-08-050-132A-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCAGGCTGCCAT 712
Db 14 TCAGGCTGCCAT 2

RESULT 895

US-08-271-880A-48
Sequence 48, Application US/08271880A
Patent No. 5693535
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowhira
APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,880A
FILING DATE: July 7, 1994
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-271-880A-48

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 832 AAGCTGGTACCAG 844
Db 1 AAGCTGAGUACCAG 13

RESULT 896
US-08-271-880A-191
Sequence 191, Application US/08271880A
Patent No. 5693535
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
APPLICANT: Bharat Chowhira
APPLICANT: James McSwiggen
APPLICANT: Dan T. Stinchcomb
APPLICANT: James D. Thompson
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING

TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
TITLE OF INVENTION: REPLICATION
NUMBER OF SEQUENCES: 232
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/271,880A
FILING DATE: July 7, 1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993
APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 191:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-271-880A-191

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
Qy 832 AAGCTGGTACCAG 844
Db 1 AAGCUAGUACCAG 13

RESULT 897
US-08-452-772-7/c
Sequence 7, Application US/08452772
Patent No. 5700911
GENERAL INFORMATION:
APPLICANT: WOZNEY, John
APPLICANT: CELESTE, Anthony J.
TITLE OF INVENTION: BMP-11 COMPOSITIONS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENETICS INSTITUTE, INC.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/452,772
FILING DATE: 30-MAY-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/247,907
FILING DATE: 20-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI5205-CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 876-1170
TELEFAX: 617 876-5851
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: DNA inserted into pMT2 CXM
US-08-452-772-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 700 TCGAGCTGCCCAT 712
Db 14 TCGAGCTGCCCAT 2

RESULT 898
US-08-453-942-7/c
Sequence 7, Application US/08453942
Patent No. 5703043
GENERAL INFORMATION:
APPLICANT: CELESTE, Anthony J.
APPLICANT: WOZNEY, John
TITLE OF INVENTION: BMP-10 COMPOSITIONS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENETICS INSTITUTE, INC.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02144
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/453,942
FILING DATE: 30-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/247,908
FILING DATE: 20-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI 5205-CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 876-1170 x8260
TELEFAX: 617 876-5851
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid


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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: DNA inserted into pMT2 CXM
US-08-453-942-7
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCTCAT 712
Db 14 TCGAGTGCCTCAT 2

RESULT 899
US-08-363-240A-37
; Sequence 37, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-37
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 5.5e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 871 CCAACTCCATTGA 883
Db 2 CCAAGUCCAUUGA 14

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: DNA inserted into pMT2 CXM
US-08-453-942-7
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCTCAT 712
Db 14 TCGAGTGCCTCAT 2

RESULT 900
US-08-363-240A-661
; Sequence 661, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 661:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-661
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 453 GCCTCCAGGAG 465
Db 3 GCCUCCAGGAG 15

RESULT 901
US-08-363-240A-662
; Sequence 662, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
```

```

TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 662:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-662

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Query Match 1.4%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 76.9%; Pred. No. 5.5e-02;
 Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 453 GCCTCCAGGAG 465
 Db 3 GCCTCCAGGAG 15

```

RESULT 902
US-08-363-240A-766/c
Sequence 766, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaler, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 662:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-662

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```

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 766:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-766

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Query Match 1.4%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 5.5e-02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 438 AGCTAAAGCCAG 450
 Db 14 AGCTAAAGCCAG 2

```

RESULT 903
US-08-363-240A-767/c
Sequence 767, Application US/08363240A
Patent No. 5705388
GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Bisgaler, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 766:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-766

```

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/
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 767:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
US-08-363-240A-767
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 438 AGCTAAAGCCAG 450
Db 13 AGCTAAAGCCAG 1

RESULT 904
US-08-726-725-7/c
/ Sequence 7, Application US/08726725
/ Patent No. 5773290
/ GENERAL INFORMATION:
/ APPLICANT: Gould, Michael N.
/ TITLE OF INVENTION: MAMMARY GLAND-SPECIFIC PROMOTERS
/ NUMBER OF SEQUENCES: 14
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Charles & Brady
/ STREET: 411 East Wisconsin Avenue
/ CITY: Milwaukee
/ STATE: Wisconsin
/ COUNTRY: U.S.A.
/ ZIP: 53202-4497
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/726,725
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Baker, Jean C.
/ REGISTRATION NUMBER: 35,433
/ REFERENCE/DOCKET NUMBER: 960296.93863
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (414) 277-5709
/ TELEFAX: (414) 271-3552
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other Nucleic Acid
/
US-08-726-725-8
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 673 AGCTCAGATGG 685
Db 15 AGCTCAGATGG 3

RESULT 906
US-08-311-486C-41/c
/ Sequence 41, Application US/08311486C
/ Patent No. 5811300
/ GENERAL INFORMATION:
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth Draper
/ APPLICANT: Kevin Kisch
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwiggen
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: TNF-
/ NUMBER OF SEQUENCES: 1157
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/
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OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/166
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 41:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-311-486C-41

Query Match 1.4%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 5.5e-02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 362 GTCAGAGAGCGT 374
 DB 15 GGCAGAGAGCGT 3

RESULT 907
 US-08-311-486C-553/c
 Sequence 553, Application US/08311486C
 Patent No. 5811300
 GENERAL INFORMATION:
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth Draper
 APPLICANT: Kevin Kisich
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: TNF-
 NUMBER OF SEQUENCES: 1157
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb.
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 209/166
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 553:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-311-486C-553

Query Match 1.4%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 5.5e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 362 GTCAGAGAGCGT 374
 DB 15 GACAGAGAGCGT 3

RESULT 908
 US-08-311-486C-554/c
 Sequence 554, Application US/08311486C
 Patent No. 5811300
 GENERAL INFORMATION:
 APPLICANT: Sean Sullivan
 APPLICANT: Kenneth Draper
 APPLICANT: Kevin Kisich
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James McSwiggen
 TITLE OF INVENTION: RIBOZYME TREATMENT OF
 TITLE OF INVENTION: DISEASES OR CONDITIONS
 TITLE OF INVENTION: RELATED TO LEVELS OF
 TITLE OF INVENTION: TNF-
 NUMBER OF SEQUENCES: 1157
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/311,486C
 FILING DATE: September 23, 1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 554:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-554

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 362 GTCAGAGAGCGT 374
Db 13 GACAGAGAGCGT 1

RESULT 909
US-08-749-169A-6/C
Sequence 6, Application US/08749169A
Patent No. 5846770
GENERAL INFORMATION:
APPLICANT: RACIE, Lisa
APPLICANT: LAVALLIE, Edward
APPLICANT: DEROBERTIS, Edward
TITLE OF INVENTION: CHORDIN COMPOSITIONS
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: USA
ZIP: 02140

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/749,169A
FILING DATE:
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI 5284
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8260
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-749-169A-6

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 700 TCGAGGTGCCCAT 712
Db 14 TCGAGCTGCCCAT 2

RESULT 910
US-07-989-847-15/C
Sequence 15, Application US/07989847
Patent No. 5868364
GENERAL INFORMATION:
APPLICANT: Israel, David
APPLICANT: Wolfman, Neil M.
TITLE OF INVENTION: Recombinant Bone Morphogenetic Protein
TITLE OF INVENTION: Heterodimers, Compositions and Methods of Use.
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Legal Affairs, Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140-2387

COMPUTER READABLE FORM:
MEDIUM TYPE: Tape
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/989,847
FILING DATE:
CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:
NAME: KAPINOS, Ellen J.
REGISTRATION NUMBER: 32,245
REFERENCE/DOCKET NUMBER: GI-5192B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-876-1170
TELEFAX: 617-876-5851
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-07-989-847-15

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 700 TCGAGGTGCCCAT 712
Db 14 TCGAGCTGCCCAT 2

RESULT 911
US-08-585-684B-1220
Sequence 1220, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1220:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1220

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 5.5e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 376 TGCGCGTCTGCT 388
Db 2 UGGCCUCCUGCU 14

RESULT 912
US-08-585-684B-1221
Sequence 1221, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1221:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1221

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 5.5e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 376 TGCGCGTCTGCT 388
Db 1 UGGCCUCCUGCU 13

RESULT 913
US-08-585-684B-1692/c
Sequence 1692, Application US/08585684B
Patent No. 5877021
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1692:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-585-684B-1692

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CCAGGAAGTGGC 482
Db 1 UGGCCUCCUGCU 13

Db 13 CCAGGTACTTGGC 1

RESULT 914
US-08-585-684B-1693/c
; Sequence 1693, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1693:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-1693

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 470 CCAGGTACTTGGC 482
Db 13 CCAGGTACTTGGC 1

RESULT 915
US-08-585-684B-2099/c
; Sequence 2099, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2099:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-2099

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 770 ACTGAGAGAGAG 782
Db 15 ATTGAGAGAGAG 3

RESULT 916
US-08-585-684B-2100/c
; Sequence 2100, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996

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;
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2100

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAAG 782
Db 14 ATTGGAGAAG 2

RESULT 917
US-08-585-684B-2295/c
; Sequence 2295, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2295:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2296

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAAG 782
Db 14 ATTGGAGAAG 2

RESULT 918
US-08-585-684B-2296/c
; Sequence 2296, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2296

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAGAAG 782
Db 14 ATTGGAGAAG 2

RESULT 919
US-08-726-090-10/c
; Sequence 10, Application US/08726090
; Patent No. 5885775
```


GENERAL INFORMATION:
APPLICANT: HAFI, Lawrence A.
TITLE OF INVENTION: METHODS FOR DETERMINING SEQUENCE
TITLE OF INVENTION: INFORMATION IN POLYNUCLEOTIDES USING MASS SPECTROMETRY
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Patent Administrator, Testa Hurwitz &
STREET: 125 High Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/726,090
FILING DATE: 04-OCT-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: TURANO, THOMAS A.
REGISTRATION NUMBER: 35,722
REFERENCE/DOCKET NUMBER: SYP-123
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-726-090-10
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 387 CTGGCGGGCACAC 399
Db 13 CTGGCGGGCAAC 1
RESULT 920
US-08-926-885A-7/c
Sequence 7, Application US/08926885A
Patent No. 5932216
GENERAL INFORMATION:
APPLICANT: CELESTE, Anthony J
APPLICANT: WOZNEY, John
TITLE OF INVENTION: ANTIBODIES TO BONE MORPHOGENETIC PROTEIN (BMP-10)
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENETICS INSTITUTE, INC.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02144
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/926,885A
FILING DATE: September 10, 1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:

NAME: LAZAR, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI 5206-A-DIV-CON
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 876-1170 x8260
TELEFAX: 617 876-5851
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: DNA inserted into pMT2 CXM
US-08-926-885A-7
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 700 TCGAGGTGCCCAT 712
Db 14 TCGAGGTGCCCAT 2
RESULT 921
US-08-887-997B-6/c
Sequence 6, Application US/08887997B
Patent No. 5935852
GENERAL INFORMATION:
APPLICANT: FOLLETTIE, MAXIMILLIAN
APPLICANT: DEROBERTIS, EDWARD M.
TITLE OF INVENTION: Mammalian Cerberus-Like Protein &
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridgepark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: US
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/887,997B
FILING DATE: 03-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, STEVEN R
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI 5290
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8260
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-887-997B-6
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy 700 TCGAGGTGCCCAT 712

```
Db      ||||| ||||| ||||| |||||
      14 TCAGAGTGCCCAT 2

RESULT 922
US-08-715-202A-8/c
; Sequence 8, Application US/08715202A
; Patent No. 5965403
; GENERAL INFORMATION:
; APPLICANT: CELESTE, ANTHONY J.
; APPLICANT: MURRAY, BETH L.
; TITLE OF INVENTION: BONE MORPHOGENETIC PROTEIN-16 (BMP-16)
; TITLE OF INVENTION: COMPOSITIONS
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENETICS INSTITUTE, INC.
; STREET: 87 CAMBRIDGE PARK DRIVE
; CITY: CAMBRIDGE
; STATE: MA
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/715,202A
; FILING DATE: September 18, 1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: LAZAR, STEVEN R
; REGISTRATION NUMBER: 32,618
; REFERENCE/DOCKET NUMBER: 5275
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8260
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-715-202A-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      ||||| ||||| ||||| |||||
      700 TCAGAGTGCCCAT 712
Db      ||||| ||||| ||||| |||||
      14 TCAGAGTGCCCAT 2

RESULT 923
US-08-910-408-48
; Sequence 48, Application US/08910408
; Patent No. 5972704
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowrira
; APPLICANT: James McSwiggan
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
```

```
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,408
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,880
; FILING DATE: July 7, 1994
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Wardburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-910-408-48

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy      ||||| ||||| ||||| |||||
      832 AAGCTGCTACCAG 844
Db      ||||| ||||| ||||| |||||
      1 AGCUAGUACCAG 13

RESULT 924
US-08-910-408-191
; Sequence 191, Application US/08910408
; Patent No. 5972704
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowrira
; APPLICANT: James McSwiggan
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
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;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/910,408
;; FILING DATE:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/271,880
;; FILING DATE: July 7, 1994
;; APPLICATION NUMBER: 08/103,243
;; FILING DATE: August 6, 1993
;; APPLICATION NUMBER: 07/882,886
;; FILING DATE: May 14, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 206/116
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 191:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-910-408-191

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 832 AAGCTGGTACCAG 844
|||||:|||||
Db 1 AAGCAGUACCAG 13

RESULT 925
US-09-130-032A-5/c
; Sequence 5, Application US/09130032A
; Patent No. 5986056
; GENERAL INFORMATION:
; APPLICANT: LaVallie, Edward
; APPLICANT: Racie, Lisa
; TITLE OF INVENTION: DERBERTIS, Edward
; TITLE OF INVENTION: HUMAN CHORDIN COMPOSITIONS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/130,032A
; FILING DATE: August 4, 1998
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: LAZAR, Steven R.
; REGISTRATION NUMBER: 32,618
; REFERENCE/DOCKET NUMBER: GI 5284-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8260
; TELEFAX: (617) 498-8260
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-09-130-032A-5
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
|||||:|||||
Db 14 TCGAGCTGCCCAT 2

RESULT 926
US-08-987-904A-5/c
; Sequence 5, Application US/08987904A
; Patent No. 6027917
; GENERAL INFORMATION:
; APPLICANT: Celeste, Anthony J.
; APPLICANT: Murray, Beth
; TITLE OF INVENTION: BONE MORPHOGENETIC PROTEIN (BMP) - 17 AND BMP-18
; TITLE OF INVENTION: COMPOSITIONS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: US
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/987,904A
; FILING DATE: 10-DEC-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAZAR, STEVEN R.
; REGISTRATION NUMBER: 32,618
; REFERENCE/DOCKET NUMBER: GI 5307
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8769
; TELEFAX: (617) 876-8581
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-987-904A-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
|||||:|||||
Db 14 TCGAGCTGCCCAT 2

RESULT 927
US-08-750-222A-5/c
; Sequence 5, Application US/08750222A
; Patent No. 6034061
; GENERAL INFORMATION:
; APPLICANT: Rosen, Vicki A.
; APPLICANT: Wozney, John M.
; APPLICANT: Celeste, Anthony J.
; APPLICANT: Song, Jeffrey

APPLICANT: Thies, Scott
TITLE OF INVENTION: BMP-9 COMPOSITIONS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: Legal Affairs - 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: US
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/750,222A
FILING DATE: 04-DEC-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/254,353
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kapinos, Ellen J.
REGISTRATION NUMBER: 32,245
REFERENCE/DOCKET NUMBER: GI 5186B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 876-1170
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
US-08-750-222A-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
Db 14 TCGAGGTGCCCAT 2

RESULT 928
US-08-815-652B-5/c
Sequence 5, Application US/08815652B
Patent No. 6034062
GENERAL INFORMATION:
APPLICANT: Wozney, John M.
APPLICANT: Celeste, Anthony
APPLICANT: Song, Jeffrey
APPLICANT: Thies, R. Scott
TITLE OF INVENTION: BMP-9 COMPOSITIONS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: Legal Affairs - 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: US
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/815,652B
FILING DATE:

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Kapinos, Ellen J.
REGISTRATION NUMBER: 32,245
REFERENCE/DOCKET NUMBER: GI 5186D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 876-1170
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
US-08-815-652B-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
Db 14 TCGAGGTGCCCAT 2

RESULT 929
US-08-982-987A-15/c
Sequence 15, Application US/08982987A
Patent No. 6034229
GENERAL INFORMATION:
APPLICANT: Anthony J. Celeste et al.
TITLE OF INVENTION: BMP-15 COMPOSITIONS
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: US
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/982,987A
FILING DATE: DEC-02-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Gyure, Barbara A.
REGISTRATION NUMBER: 34,614
REFERENCE/DOCKET NUMBER: GI 5256-DIV-CON
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8653
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-982-987A-15

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
Db 14 TCGAGGTGCCCAT 2

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RESULT 930
US-08-871-732A-6/c
; Sequence 6, Application US/08871732A
; Patent No. 6140074
; GENERAL INFORMATION:
; APPLICANT: O'BRIEN, TIMOTHY J.
; TITLE OF INVENTION: NOVEL SH3 PROTEIN, GENE, CHIMERIC
; TITLE OF INVENTION: CELLS, VECTORS AND EXPRESSION METHOD FOR PRODUCING THE NOVEL
; TITLE OF INVENTION: PROTEIN, ANTIBODIES AND USES
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MARTIN L. MCGREGOR
; STREET: 5380 WEST 34TH STREET, #345
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: UNITED STATES OF AMERICA
; ZIP: 77092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE 3.5 INCH 1.44 MB STORAGE
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/871,732A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; ATTORNEY/AGENT INFORMATION:
; NAME: MCGREGOR, MARTIN L.
; REGISTRATION NUMBER: 29,329
; REFERENCE/DOCKET NUMBER: 1-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-682-1213
; TELEFAX: 713-682-5807
; TELEX: NONE
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 BASE PAIRS
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: OTHER NUCLEIC ACID
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-871-732A-6
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 530 TCAACGCCCTCTT 542
Db 13 TCACCCCTCTT 1

RESULT 931
US-09-059-779-4/c
; Sequence 4, Application US/09059779
; Patent No. 6153743
; GENERAL INFORMATION:
; APPLICANT: Hubbell Earl A.
; APPLICANT: Lubert Stryer
; APPLICANT: Michael P. Mittmann
; TITLE OF INVENTION: Lithographic Mask Design and
; TITLE OF INVENTION: Synthesis of Diverse Probes on a Substrate
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ritter, Van Pelt & Yi LLP
; STREET: 4906 El Camino Real, Suite 205
; CITY: Los Altos
```

```
STATE: California
COUNTRY: USA
ZIP: 94022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/059,779
FILING DATE: April 13, 1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Ritter, Michael J.
REGISTRATION NUMBER: 36,653
REFERENCE/DOCKET NUMBER: AFFY015
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-903-3500
TELEFAX: 650-903-3501
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-09-059-779-4
Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 697 GCTCGAGGTGCC 709
Db 15 GCATCGAGGTGCC 3

RESULT 932
US-09-249-215-48
; Sequence 48, Application US/09249215
; Patent No. 6159692
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; Bharat Chowrira
; James McSwiggen
; Dan T. Stinchcomb
; James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; HUMAN IMMUNODEFICIENCY VIRUS
; REPLICATION
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/249,215
; FILING DATE: 12-Feb-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/910,408
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
```

APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 48:
US-09-249-215-48

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 832 AAGCTGGTACCAG 844
||||: |||||
DB 1 AAGCUAGUACCAG 13

RESULT 933
US-09-249-215-191
Sequence 191, Application US/09249215
Patent No. 6159692
GENERAL INFORMATION:
APPLICANT: Kenneth G. Draper
Bharat Chowrira
James McSwiggen
Dan T. Stinchcomb
James D. Thompson

TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
HUMAN IMMUNODEFICIENCY VIRUS
REPLICATION

NUMBER OF SEQUENCES: 232

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/249,215
FILING DATE: 12-Feb-1999

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/910,408
FILING DATE: <Unknown>

APPLICATION NUMBER: 08/103,243
FILING DATE: August 6, 1993

APPLICATION NUMBER: 07/882,886
FILING DATE: May 14, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 206/116

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 191:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 191:
US-09-249-215-191

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 5.5e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 832 AAGCTGGTACCAG 844
||||: |||||
DB 1 AAGCUAGUACCAG 13

RESULT 934

US-08-893-654B-8/c

Sequence 8, Application US/08893654B
Patent No. 6165748

GENERAL INFORMATION:
APPLICANT: RACIE, LISA, ET ALIA

TITLE OF INVENTION: Frazzled NUCLEOTIDE SEQUENCES.

TITLE OF INVENTION: EXPRESSION PRODUCTS, COMPOSITIONS AND USES

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: GENETICS INSTITUTE, INC.
STREET: 87 CAMBRIDGE PARK DRIVE
CITY: CAMBRIDGE

STATE: MA

COUNTRY: USA

ZIP: 02140-2387

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/893,654B

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: WEINERT, M.C.

REGISTRATION NUMBER: 31,544
REFERENCE/DOCKET NUMBER: GI 5279

TELECOMMUNICATION INFORMATION:
TELEPHONE: 617.498.8574
TELEFAX: 617.876.5851

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA

US-08-893-654B-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
||||: |||||
DB 14 TCGAGGTGCCCAT 2

RESULT 935

US-08-469-411-15/c

Sequence 15, Application US/08469411
Patent No. 6190880

```

; GENERAL INFORMATION:
; APPLICANT: Israel, David
; TITLE OF INVENTION: Recombinant Bone Morphogenetic Protein
; Heterodimers, Compositions and Methods of Use.
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Legal Affairs, Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140-2387
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Tape
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,411
; FILING DATE: 06-Jun-1995
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Kapinos, Ellen J.
; REGISTRATION NUMBER: 32,245
; REFERENCE/DOCKET NUMBER: GI-5192B-CON
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-498-8622
; TELEFAX: 617-876-5851
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-469-411-15

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 700 TCGAGTGCCCAT 712
Db 14 TCGAGTGCCCAT 2

RESULT 936
US-09-038-073-1220
; Sequence 1220, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 1221:

```

```

; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-038-073-1220

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 5.5e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 376 TGGCGTCTCTGCT 388
Db 2 UGGCCUCCUGCU 14

RESULT 937
US-09-038-073-1221
; Sequence 1221, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1221:

```

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1221

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 61.5%; Pred. No. 5.5e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 376 TGCGCGTCTGCT 388
Db 1 UGCGCUCCUGCU 13

RESULT 938

US-09-038-073-1692/c
; Sequence 1692, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1692:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1692

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CCAGGAACCTTGGC 482
Db 13 CCAGGTACTTGGC 1

RESULT 939
US-09-038-073-1693/c
; Sequence 1693, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1693:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1693

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CCAGGAACCTTGGC 482
Db 13 CCAGGTACTTGGC 1

RESULT 940

US-09-038-073-2099/c
; Sequence 2099, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700

1990

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAAG 782
| | | | | | | | | | | | | | | | |
Db 15 ATTGGAGAAG 3

RESULT 943

US-09-038-073-2296/c
; Sequence 2296, Application US/09038073
; Patent No. 6194150

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073

FILING DATE:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2296:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-038-073-2296

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 ACTGGAGAAG 782
| | | | | | | | | | | | | | | | |
Db 14 ATTGGAGAAG 2

RESULT 944

US-09-393-554-23

; Sequence 23, Application US/09393554
; Patent No. 6210897
GENERAL INFORMATION:
APPLICANT: Andersson, Leif
APPLICANT: Kijas, James

APPLICANT: Gafvert, Sophie
APPLICANT: Wigh-Trowaldh, Gunilla
APPLICANT: Hedhammar, Ake
TITLE OF INVENTION: IDENTIFICATION OF CANINE LEUKOCYTE ADHESION DEFICIENCY
TITLE OF INVENTION: IN DOGS
FILE REFERENCE: 201515/1001
CURRENT APPLICATION NUMBER: US/09/393,554
CURRENT FILING DATE: 1999-09-10
EARLIER APPLICATION NUMBER: 60/136,099
EARLIER FILING DATE: 1999-05-26
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 23
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe
OTHER INFORMATION: OLA-common
US-09-393-554-23

Query Match 1.4%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 293 TGTAGTCGGGCC 305
| | | | | | | | | | | | | | | | |
Db 3 TGGAGTCGGGCC 15

RESULT 945

US-09-346-510B-6/c
; Sequence 6, Application US/09346510B
; Patent No. 6281014

GENERAL INFORMATION:

APPLICANT: O'Brien, Timothy J.
APPLICANT: Wang, Yinxiang
TITLE OF INVENTION: SH3-Containing Protein, DNA and Uses Thereof
FILE REFERENCE: D6221CIP
CURRENT APPLICATION NUMBER: US/09/346,510B
CURRENT FILING DATE: 1999-07-01
PRIOR APPLICATION NUMBER: 08/871,732
PRIOR FILING DATE: 1997-06-09
NUMBER OF SEQ ID NOS: 32
SEQ ID NO 6

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: nucleotide sequence of clone 13 isolated using the
OTHER INFORMATION: Casting approach
US-09-346-510B-6

Query Match 1.4%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 5.5e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 530 TCACGCCCTCTT 542
| | | | | | | | | | | | | | | | |
Db 13 TCACGCCCTCTT 1

RESULT 946

US-08-254-353A-5/c
; Sequence 5, Application US/08254353A
; Patent No. 6287616

GENERAL INFORMATION:

APPLICANT: Rosen, Vicki A.
APPLICANT: Wozney, John M.
APPLICANT: Celeste, Anthony J.
APPLICANT: Song, Jeffrey
APPLICANT: Thies, Scott
TITLE OF INVENTION: BMP-9 COMPOSITIONS

NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: Legal Affairs - 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: US
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/254,353A
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Kapinos, Ellen J.
REGISTRATION NUMBER: 32,245
REFERENCE/DOCKET NUMBER: GI 5186B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 876-1170
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
US-08-254-353A-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
Db 14 TCGAGTGCCTCAT 2

RESULT 947
US-09-328-775-8/c
Sequence 8, Application US/09328775
Patent No. 6331612
GENERAL INFORMATION:
APPLICANT: CELESTE, ANTHONY J.
APPLICANT: MURRAY, BETH L.
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING BONE MORPHOGENETIC
PROTEIN-16
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENETICS INSTITUTE, INC.
STREET: 87 CAMBRIDGE PARK DRIVE
CITY: CAMBRIDGE
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/328,775
FILING DATE: June 9, 1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: LAZAR, STEVEN R
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: GI 5275-DIV
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 665-8260
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-09-328-775-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
Db 14 TCGAGTGCCTCAT 2

RESULT 948
US-09-414-234-7/c
Sequence 7, Application US/09414234
Patent No. 6340668
GENERAL INFORMATION:
APPLICANT: WOZNEY, John
CELESTE, Anthony J.
THIES, R. Scott
TITLE OF INVENTION: BMP-11 COMPOSITIONS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENETICS INSTITUTE, INC.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: USA
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/414,234
FILING DATE: 07-Oct-1999
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: MEINERT, M.C.
REGISTRATION NUMBER: 31,544
REFERENCE/DOCKET NUMBER: GI5205-B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617 876-1170
TELEFAX: 617 876-5851
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: DNA inserted into pMT2 CXM
SEQUENCE DESCRIPTION: SEQ ID NO: 7;
US-09-414-234-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGGTGCCCAT 712
Db 14 TCGAGTGCCTCAT 2

; Sequence 112, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1999-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 112
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-112

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 670 TGAAGCTCACAGA 682
Db 13 TCGAGCTCACAGA 1

RESULT 953
US-09-780-601A-15/c
; Sequence 15, Application US/09780601A
; Patent No. 6593109
; GENERAL INFORMATION:
; APPLICANT: Israel, David
; APPLICANT: Wolfman, Neil M.
; TITLE OF INVENTION: Recombinant Bone Morphogenetic Protein
; TITLE OF INVENTION: Heterodimers, Compositions and Methods of Use.
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRES:
; ADDRESSER: Legal Affairs, Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140-2387
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Tape
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/780,601A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,411
; FILING DATE: 06-Jun-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Kapinos, Ellen J.
; REGISTRATION NUMBER: 32,245
; REFERENCE/DOCKET NUMBER: GI-5192B-CON

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-498-8622
; TELEFAX: 617-876-5851
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-780-601A-15

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 700 TCGAGTGGCCAT 712
Db 14 TCGAGTGGCCAT 2

RESULT 954
US-09-476-387-112/c
; Sequence 112, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their incorporation into Oligonucleoti
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 112
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-112

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 670 TGAAGCTCACAGA 682
Db 13 TCGAGCTCACAGA 1

RESULT 955
US-09-994-177-8/c
; Sequence 8, Application US/09994177
; Patent No. 6623934
; GENERAL INFORMATION:
; APPLICANT: CELESTE, ANTHONY J.
; APPLICANT: MURRAY, BETH L.
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING BONE MORPHOGENETIC
; TITLE OF INVENTION: PROTEIN-16

```
/ NUMBER OF SEQUENCES: 10
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: GENETICS INSTITUTE, INC.
/ STREET: 87 CAMBRIDGE PARK DRIVE
/ CITY: CAMBRIDGE
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02140
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/994,177
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/328,775
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: LAZAR, STEVEN R
/ REGISTRATION NUMBER: 32,618
/ REFERENCE/DOCKET NUMBER: GI 5275-DIV
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 665-8260
/ TELEFAX: (617) 876-5851
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-994-177-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
Db 14 TCGAGTGCCCAT 2

RESULT 956
PCT-US92-05374A-5/c
/ Sequence 5, Application PC/TUS9205374A
/ GENERAL INFORMATION:
/ APPLICANT: Worzney, John M.
/ APPLICANT: Celeste, Anthony
/ TITLE OF INVENTION: BMP-9 COMPOSITIONS
/ NUMBER OF SEQUENCES: 9
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genetics Institute, Inc.
/ STREET: Legal Affairs - 87 CambridgePark Drive
/ CITY: Cambridge
/ STATE: MA
/ COUNTRY: US
/ ZIP: 02140
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US92/05374A
/ FILING DATE: 19920625
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kapinos, Ellen J.
/ REGISTRATION NUMBER: 32,245
/ REFERENCE/DOCKET NUMBER: GI 5186A

US-09-994-177-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
Db 14 TCGAGTGCCCAT 2

RESULT 955
PCT-US92-05374A-5/c
/ Sequence 5, Application PC/TUS9205374A
/ GENERAL INFORMATION:
/ APPLICANT: Worzney, John M.
/ APPLICANT: Celeste, Anthony
/ TITLE OF INVENTION: BMP-9 COMPOSITIONS
/ NUMBER OF SEQUENCES: 9
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genetics Institute, Inc.
/ STREET: Legal Affairs - 87 CambridgePark Drive
/ CITY: Cambridge
/ STATE: MA
/ COUNTRY: US
/ ZIP: 02140
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US92/05374A
/ FILING DATE: 19920625
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kapinos, Ellen J.
/ REGISTRATION NUMBER: 32,245
/ REFERENCE/DOCKET NUMBER: GI 5186A

US-09-994-177-8

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
Db 14 TCGAGTGCCCAT 2

RESULT 957
PCT-US93-02612-2
/ Sequence 2, Application PC/TUS9302612
/ GENERAL INFORMATION:
/ APPLICANT: Cable, Michael
/ APPLICANT: Hesson, Thomas
/ APPLICANT: Mannarino, Anthony
/ TITLE OF INVENTION: Monomeric Platelet-Derived Growth Factor and Prevention of
/ NUMBER OF SEQUENCES: 8
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Schering-Plough Corporation
/ STREET: One Giralda Farms
/ CITY: Madison
/ STATE: New Jersey
/ COUNTRY: USA
/ ZIP: 07940
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 6.0.5
/ SOFTWARE: Microsoft Word 4.00B
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US93/02612
/ FILING DATE: 19930326
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA: None
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lunn, Paul, G.
/ REGISTRATION NUMBER: 32,743
/ REFERENCE/DOCKET NUMBER: JB0255
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 201-822-7255
/ TELEFAX: 201-822-7039
/ TELEX: 219165
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ PCT-US93-02612-2

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 203 CCGGGTCCCAT 215
Db 3 CCGGGTCCCAT 15

RESULT 958
```

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PCT-US94-05288-7/c
; Sequence 7, Application PC/TUS9405288
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: BMP-11 COMPOSITIONS
; NUMBER OF SEQUENCES: 11
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05288
; FILING DATE:
; CLASSIFICATION:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE: DNA inserted into pMT2 CXM
; ORGANISM: PCT-US94-05288-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
DB 14 TCGAGTGCCCAT 2

RESULT 959
PCT-US94-05290-7/c
; Sequence 7, Application PC/TUS9405290
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: BMP-10 COMPOSITIONS
; NUMBER OF SEQUENCES: 11
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05290
; FILING DATE:
; CLASSIFICATION:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE: DNA inserted into pMT2 CXM
; ORGANISM: PCT-US94-05290-7

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
DB 14 TCGAGTGCCCAT 2

RESULT 960
PCT-US95-07084-5/c
; Sequence 5, Application PC/TUS9507084
; GENERAL INFORMATION:
; APPLICANT: Rosen, Vicki A.
; APPLICANT: Wozney, John M.
; APPLICANT: Celeste, Anthony J.
; TITLE OF INVENTION: BMP-9 COMPOSITIONS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: Legal Affairs - 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: US
; ZIP: 02140
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07084
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kapinos, Ellen J.
; REGISTRATION NUMBER: 32,245
; REFERENCE/DOCKET NUMBER: GI 5186C-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 876-1210
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA to mRNA
; PCT-US95-07084-5

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
DB 14 TCGAGTGCCCAT 2

RESULT 961
5166058-18/c
; Patent No. 5166058
; APPLICANT: WANG, ELIZABETH A.; WOZNEY, JOHN M.; RPSSEN, VICKI A.
; TITLE OF INVENTION: DNA SEQUENCES ENCODING THE OSTEOINDUCTIVE
; PROTEINS
; NUMBER OF SEQUENCES: 19
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/378,537
; FILING DATE: 11-JUL-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 179,100
; FILING DATE: 08-APR-1988
; APPLICATION NUMBER: 28,285
; FILING DATE: 20-MAR-1987
; APPLICATION NUMBER: 943,332
; FILING DATE: 17-DEC-1986
; APPLICATION NUMBER: 880,776
; FILING DATE: 01-JUL-1986
; SEQ ID NO: 18;
; LENGTH: 15
5166058-18

Query Match 1.4%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 5.5e+02;
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Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 700 TCGAGTGCCCAT 712
 ||||| |||||
 Db 14 TCGAGTGCCCAT 2

RESULT 962

US-08-152-313-31/c
 ; Sequence 31, Application US/08152313
 ; Patent No. 5561041
 ; GENERAL INFORMATION:
 ; APPLICANT: Sidransky, David
 ; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
 ; TITLE OF INVENTION: ANALYSIS OF SPUTUM
 ; NUMBER OF SEQUENCES: 128
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Spensley Horn Jubas & Lubitz
 ; STREET: 1880 Century Park East, Suite 500
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 90067

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/152,313
 FILING DATE: 12-NOV-1993
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Wetherell, Jr., Ph.D., John R.,
 REGISTRATION NUMBER: 31,678
 REFERENCE/DOCKET NUMBER: PD-2912

TELEPHONE: (619) 455-5100
 TELEFAX: (619) 455-5110
 INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..16
 US-08-152-313-31

Query Match 1.4%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 344 TGGTGCCGCGCC 356
 ||||| |||||
 Db 14 TGGTGCCGCGCC 2

RESULT 963

US-08-050-073-152
 ; Sequence 152, Application US/08050073
 ; Patent No. 5567809

GENERAL INFORMATION:
 APPLICANT: Apple, Raymond J.
 APPLICANT: Begovich, Ann B.
 APPLICANT: Bugawan, Teodorica L.
 APPLICANT: Erlich, Henry A.
 APPLICANT: Griffith, Robert L.
 APPLICANT: Scharf, Stephen J.
 TITLE OF INVENTION: Methods and reagents for HLA DRBeta DNA

TYPING

NUMBER OF SEQUENCES: 315
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hoffmann-La Roche Inc.
 STREET: 340 Kingsland Street
 CITY: Nutley
 STATE: New Jersey
 COUNTRY: U.S.A.
 ZIP: 07110
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/050,073
 FILING DATE:

CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Petry, Douglas A.

REGISTRATION NUMBER: 35,321
 REFERENCE/DOCKET NUMBER: 8769
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 814-2974

TELEFAX: (510) 814-2977
 INFORMATION FOR SEQ ID NO: 152:

SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: genomic DNA
 US-08-050-073-152

Query Match 1.4%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGG 417
 ||||| |||||
 Db 4 CTGCTCCAGCAGG 16

RESULT 964

US-08-579-223-31/c
 ; Sequence 31, Application US/08579223
 ; Patent No. 5726019

GENERAL INFORMATION:

APPLICANT: Sidransky, David
 TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
 TITLE OF INVENTION: ANALYSIS OF SPUTUM
 NUMBER OF SEQUENCES: 128

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Spensley Horn Jubas & Lubitz
 STREET: 1880 Century Park East, Suite 500
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90067

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/579,223
 FILING DATE: 28-DEC-1995

CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/152,313
 FILING DATE: 12-NOV-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Wetherell, Jr., Ph.D., John R.,
 REGISTRATION NUMBER: 31,678

REFERENCE/DOCKET NUMBER: PD-2912
TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..16
US-08-579-223-31

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 344 TGGTCCAGCGCC 356
DB 14 TGGGGCCAGCGCC 2

RESULT 965
US-08-292-620A-1626/c
Sequence 1626, Application US/0822620A
Patent No. 5837542

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwigen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: US/08/292,620A
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

two

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1626:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1626

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGCTGC 429
DB 15 GCTTCCGCTGC 3

RESULT 966
US-08-232-087A-5/c
Sequence 5, Application US/08232087A
Patent No. 5866372

GENERAL INFORMATION:
APPLICANT: Stein, Harald
APPLICANT: D r kop, Horst
APPLICANT: Latza, Ute
TITLE OF INVENTION: Lymphoid CD30-Antigen
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
STREET: 8110 Gatehouse Road, Suite 500 East
CITY: Falls Church
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22042
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,087A
FILING DATE: 08-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 756-103P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
TELEX: 248345

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-232-087A-5

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 413 GCAGGCTCTCGG 425
DB 15 GCAGGCCCTCGG 3

```

RESULT 967
US-08-729-955A-12
; Sequence 12, Application US/08729955A
; Patent No. 5932417
; GENERAL INFORMATION:
; APPLICANT: Birnbaumer, Lutz
; APPLICANT: Zhu, Xi
; TITLE OF INVENTION: Method And Compounds For Controlling
; TITLE OF INVENTION: Capacitative Calcium Ion Entry Into Mammalian Cells
; TITLE OF INVENTION: Essential for Agonist-Activated Capacitative Ca2+
; TITLE OF INVENTION: Entry
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Poms, Smith, Lande & Rose
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/729,955A
; FILING DATE: October 15, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/025,111
; FILING DATE: August 29, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 120186
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 277-1297
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM:
; INDIVIDUAL ISOLATE: Mclp4
US-08-729-955A-12

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 64.3%; Pred. No. 6.2e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 788 GCGCAACTGCAGG 801
Db 2 GNGCRAATGCARR 15

```

```

RESULT 968
US-09-071-845-1626/c
; Sequence 1626, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwigen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF

```

```

; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1626:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-1626

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 417 GCTCTCGGCTGC 429
Db 15 GCTTCGGCTGC 3

```

```

RESULT 969
US-09-060-299-425
; Sequence 425, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,299

FILING DATE: 15-APR-1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

PRIOR APPLICATION NUMBER: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J.Sadoff

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-35

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 425:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

US-09-060-299-425

Query Match 1.4%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 6.2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 GTCCTGCATGTGA 897

Db 2 GTCCTGCAGGTGA 14

RESULT 970

US-09-402-923A-425

Sequence 425, Application US/09402923A

Patent No. 6555654

GENERAL INFORMATION:

APPLICANT: Todd, John A

Hess, John W

Caskey, Charles T

Cox, Roger D

Gerhold, David

Hammond, Holly

Hey, Patricia

Kawaguchi, Yoshihiko

Merriman, Tony R

Metzker, Michael L

TITLE OF INVENTION: No. 6555654el LDL-Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon and Vanderhye

STREET: 1100 No. 6555654th Glebe Road, Eighth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: US

ZIP: VA 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/402,923A

FILING DATE: 14-Feb-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/GB98/01102

FILING DATE: 15-APR-1998

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

APPLICATION NUMBER: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:

NAME: B.J.Sadoff

REGISTRATION NUMBER: 36,663

REFERENCE/DOCKET NUMBER: 620-81

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091

TELEFAX: (703)816-4100

INFORMATION FOR SEQ ID NO: 425:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 425:

US-09-402-923A-425

Query Match 1.4%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 6.2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 GTCCTGCATGTGA 897

Db 2 GTCCTGCAGGTGA 14

RESULT 971

US-09-371-772B-5810

Sequence 5810, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 5810

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-5810

Query Match 1.4%; Score 11.4; DB 1; Length 16;

Best Local Similarity 76.9%; Pred. No. 6.2e+02;

Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 778 AGAAGTGTGACGC 790

Db 3 AGCAGUGAGCG 15

RESULT 972

US-09-371-772B-6978/c

```

; Sequence 6978, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6978
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-371-772B-6978

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 195 GTCAGTTTCCTGG 207
    |||||
Db 13 GTCAGTTTCCTGG 1

```

```

RESULT 973
US-09-829-855-34/c
; Sequence 34, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-34

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 727 AGCTGCGGTACAG 739
    |||||
Db 16 AGCTGCGGCACAG 4

```

```

RESULT 974
US-09-829-855-106/c
; Sequence 106, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.

```

```

; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 106
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-106

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 727 AGCTGCGGTACAG 739
    |||||
Db 16 AGCTGCGGCACAG 4

```

```

RESULT 975
US-09-829-855-131/c
; Sequence 131, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.

```

```

; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 131
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-131

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 6.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 727 AGCTGCGGTACAG 739
    |||||
Db 16 AGCTGCGGCACAG 4

```

```

RESULT 976
US-09-829-855-179/c
; Sequence 179, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.

```

```

; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258

```

PRIOR FILING DATE: 2000-04-11
 NUMBER OF SEQ ID NOS: 244
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 179
 LENGTH: 16
 TYPE: DNA
 ORGANISM: Unknown
 FEATURE:
 OTHER INFORMATION: Uncultured Acidobacterium Sub.Div-1
 US-09-829-855-179

Query Match 1.4%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 727 AGCTGCGGTACAG 739
 Db 16 AGCTGCGGCACAG 4

RESULT 977

PCT-US94-12947A-31/c
 Sequence 31, Application PC/ITUS9412947A
 GENERAL INFORMATION:
 APPLICANT: The Johns Hopkins University School of Medicine
 TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
 TITLE OF INVENTION: ANALYSIS OF SPUTUM
 NUMBER OF SEQUENCES: 128
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Spensley Horn Jubas & Lubitz
 STREET: 1880 Century Park East, Suite 500
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90067
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US94/12947A
 FILING DATE: 10-NOV-1994
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Halle, Ph.D., Lisa A.
 REGISTRATION NUMBER: P-38,347
 REFERENCE/DOCKET NUMBER: FD-2912
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (619) 455-5100
 TELEFAX: (619) 455-5110
 INFORMATION FOR SEQ ID NO: 31:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..16
 PCT-US94-12947A-31

Query Match 1.4%; Score 11.4; DB 1; Length 16;
 Best Local Similarity 92.3%; Pred. No. 6.2e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 344 TGGTCCAGGCC 356
 Db 14 TGGGCCAGGCC 2

RESULT 978

US-08-055-917-5/c
 Sequence 5, Application US/08055917
 Patent No. 5310875
 GENERAL INFORMATION:
 APPLICANT: Chang, Tse Wen; Chang, Nancy T.
 TITLE OF INVENTION: Peptides corresponding to membrane-bound Iga
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Tanox Biosystems, Inc.
 STREET: 10301 Stella Link Rd.
 CITY: Houston
 STATE: Texas
 COUNTRY: USA
 ZIP: 77025
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.5 inch
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: DOS 3.30
 SOFTWARE: Wordperfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/055,917
 FILING DATE:
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/788,120
 FILING DATE: 11/4/1991
 APPLICATION NUMBER: 07/455,080
 FILING DATE: 12/22/1989
 ATTORNEY/AGENT INFORMATION:
 NAME: Mirabel, Eric P.
 REGISTRATION NUMBER: 31,211
 REFERENCE/DOCKET NUMBER: TNX89-04CCC
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (713) 664-2288
 TELEFAX: (713) 664-8914
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 nucleotides
 TYPE: nucleic acid
 STRANDEDNESS: Double stranded
 TOPOLOGY: Linear
 US-08-055-917-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 502 GAGATTGGCCAG 514
 Db 17 GAGATTGGCCAG 5

RESULT 979

US-08-095-068-5/c
 Sequence 5, Application US/08095068
 Patent No. 5362643
 GENERAL INFORMATION:
 APPLICANT: Chang, Tse Wen; Chang, Nancy T.
 TITLE OF INVENTION: Producing antibodies which bind to membrane-bound Iga using Iga
 TITLE OF INVENTION: an immunogen
 NUMBER OF SEQUENCES: 19
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Tanox Biosystems, Inc.
 STREET: 10301 Stella Link Rd.
 CITY: Houston
 STATE: Texas
 COUNTRY: USA
 ZIP: 77025
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.5 inch
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: DOS 3.30
 SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/095,068
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/760,765
; FILING DATE: 9/16/1991
; APPLICATION NUMBER: 07/455,080
; FILING DATE: 12/22/1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX89-04DEE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: Double stranded
; TOPOLOGY: Linear
; US-08-095-068-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514
Db 17 GAGACTTGGCCAG 5

RESULT 980
US-08-140-721A-5/c
; Sequence 5, Application US/08140721A
; Patent No. 5484907
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.
; TITLE OF INVENTION: Nucleotides Coding for the Extracellular Membrane-Bound Segmen
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESS: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/140,721A
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/095,068
; FILING DATE: 7/20/1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX89-04FFF
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: Double stranded

TOPOLOGY: Linear
US-08-140-721A-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514
Db 17 GAGACTTGGCCAG 5

RESULT 981
US-08-152-313-110
; Sequence 110, Application US/08152313
; Patent No. 5561041
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/152,313
; FILING DATE: 12-NOV-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.,
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; US-08-152-313-110

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 373 GTCGTGCCCTCCT 385
Db 1 GTCGTGCCCTCCT 13

RESULT 982
US-08-050-073-84/C
; Sequence 84, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.

```

; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; US-08-050-073-84

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 453 GCCTCCAGGAG 465
DB 15 GTCTCCAGGAG 3

```

```

RESULT 983
US-08-050-073-159/c
; Sequence 159, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 159:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; US-08-050-073-159

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 405 CTGCTCCAGGAG 417
DB 14 CTGCTCCAGGAG 2

```

```

RESULT 984
US-08-050-073-210/c
; Sequence 210, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA

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US-08-050-073-210

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 453 GCCTCCAGGAAG 465
| | | | | | | | | | | | | | | | |
Db 14 GTCTCCAGGAAG 2

RESULT 985

US-08-234-613-39
; Sequence 39, Application US/08234613
; Patent No. 5582981
; GENERAL INFORMATION:
; APPLICANT: TOOLE, JOHN J.
; APPLICANT: LATHAM, JOHN
; APPLICANT: BOCK, LOUIS C.
; APPLICANT: GRIFFIN, LINDA C.
; TITLE OF INVENTION: APTAMER TARGET ELUTION METHOD
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FORESTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/234,613
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/744,870
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 24610-20030.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-234-613-39

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 507 TTGGCCAGTTGG 519
| | | | | | | | | | | | | | | | |
Db 4 TTGGCCAGTTGG 16

RESULT 986

US-08-281-940-20
; Sequence 20, Application US/08281940
; Patent No. 5589330
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: METHOD FOR MULTIPLE ALLELE-SPECIFIC

; TITLE OF INVENTION: DISEASE ANALYSIS
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DARBY & DARBY P.C.
; STREET: 805 THIRD AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/281,940
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LUDWIG, S. PETER
; REGISTRATION NUMBER: 25351
; REFERENCE/DOCKET NUMBER: 0372/09696
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212/527-7700
; TELEFAX: 212/753-6237
; TELEX: 236687
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapien
; IMMEDIATE SOURCE:
; CLONE: R1162XM
US-08-281-940-20

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 673 AGCTCACAGATGG 685
| | | | | | | | | | | | | | | | |
Db 4 AGCTCACAGATCG 16

RESULT 987

US-08-331-394-58
; Sequence 58, Application US/08331394
; Patent No. 5670319
; GENERAL INFORMATION:
; APPLICANT: Goeddel, David V.
; APPLICANT: Rothe, Mike
; TITLE OF INVENTION: Tumor Necrosis Factor
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/331,394
; FILING DATE:

CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250858
FILING DATE: 27-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 897P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-331-394-58

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGGAGAGAGT 783
Db 3 CTGGGAGAGAGT 15

RESULT 988
US-08-331-394-64
Sequence 64, Application US/08331394
Patent No. 5670319
GENERAL INFORMATION:
APPLICANT: Goeddel, David V.
TITLE OF INVENTION: Tumor Necrosis Factor
TITLE OF INVENTION: Receptor-Associated Factors
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/331.394
FILING DATE:
PRIOR APPLICATION DATA:
CLASSIFICATION: 436
PRIOR APPLICATION NUMBER: 08/250858
FILING DATE: 27-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 897P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-331-394-64

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGGAGAGAGT 783
Db 3 CTGGGAGAGAGT 15

RESULT 989
US-08-619-790C-5/c
Sequence 5, Application US/08619790C
Patent No. 5690934
GENERAL INFORMATION:
APPLICANT: Chang, Tse Wen; Chang, Nancy T.
TITLE OF INVENTION: PEPTIDES RELATING TO THE EXTRACELLULAR MEMBRANE-
BOUND SEGMENT OF HUMAN CHAIN
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Tanox Biosystems, Inc.
STREET: 10301 Stella Link Rd.
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PS/2
OPERATING SYSTEM: DOS 3.30
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/619.790C
FILING DATE: 03/20/1996
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,558
FILING DATE: 05/26/1994
ATTORNEY/AGENT INFORMATION:
NAME: Mirabel, Eric P.
REGISTRATION NUMBER: 31,211
REFERENCE/DOCKET NUMBER: TNX89-04FGG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (713) 664-2288
TELEFAX: (713) 664-8914
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: Double
TOPOLOGY: Linear
US-08-619-790C-5

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 502 GAGATTGGCCAG 514
Db 17 GAGACTTGGCCAG 5

RESULT 990
US-08-250-858-58
Sequence 58, Application US/08250858
Patent No. 5708142
GENERAL INFORMATION:
APPLICANT: Goeddel, David V.
APPLICANT: Rothe, Mike
TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/250,858
 FILING DATE: 27-May-1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Dreger, Ginger R.
 REGISTRATION NUMBER: 33,055
 REFERENCE/DOCKET NUMBER: 897.1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/225-3216
 TELEFAX: 415/952-9881
 TELEX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 58:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 bases
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-250-858-58

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGT 783
 Db 3 CTGGAGAGAGT 15

RESULT 991
 US-08-579-223-110
 ; Sequence 110, Application US/08579223
 ; Patent No. 5726019
 ; GENERAL INFORMATION:
 ; APPLICANT: Sidransky, David
 ; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
 ; TITLE OF INVENTION: ANALYSIS OF SPUTUM
 ; NUMBER OF SEQUENCES: 128
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Spensley Horn Jubas & Lubitz
 ; STREET: 1880 Century Park East, Suite 500
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 90067
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/579,223
 ; FILING DATE: 28-DEC-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/152,313
 ; FILING DATE: 12-NOV-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Wetherell, Jr., Ph.D., John R.,
 ; REGISTRATION NUMBER: 31,678

REFERENCE/DOCKET NUMBER: PD-2912
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (619) 455-5100
 TELEFAX: (619) 455-5110
 INFORMATION FOR SEQ ID NO: 110:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..17
 US-08-579-223-110

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 373 GTCTGGCCCTCT 385
 Db 1 GTCTGGCCCTCT 13

RESULT 992
 US-08-469-802B-34/c
 ; Sequence 34, Application US/08469802B
 ; Patent No. 5741645
 ; GENERAL INFORMATION:
 ; APPLICANT: Orr, Harry T.
 ; APPLICANT: Ranum, Laura P.W.
 ; APPLICANT: Chung, Ming-Yi
 ; APPLICANT: Zoghbi, Huda Y.
 ; TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia
 ; Patent No. 5741645
 ; TITLE OF INVENTION: Type 1 and Method for Diagnosis
 ; NUMBER OF SEQUENCES: 47
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.
 ; STREET: 119 No. 5741645th Fourth Street, Suite 203
 ; CITY: Minneapolis
 ; STATE: MN
 ; COUNTRY: USA
 ; ZIP: 55401
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/469,802B
 ; FILING DATE: 06-JUN-1995
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Mueeting, Ann M.
 ; REGISTRATION NUMBER: 33,977
 ; REFERENCE/DOCKET NUMBER: 110.00030101
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 612-305-1217
 ; TELEFAX: 612-305-1225
 ; INFORMATION FOR SEQ ID NO: 34:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; US-08-469-802B-34

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 373 GTCTGGCCCTCT 385
 Db 1 GTCTGGCCCTCT 13

QY 217 CCTCTCCAGAGT 229
 Db 13 CCTCTCCAGATT 1

RESULT 993

US-08-446-915-58
 ; Sequence 58, Application US/08446915
 ; Patent No. 5741667
 ; GENERAL INFORMATION:
 ; APPLICANT: Goeddel, David V.
 ; APPLICANT: Rothe, Mike
 ; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
 ; NUMBER OF SEQUENCES: 66
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 460 Point San Bruno Blvd
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94080
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patin (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/446,915
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/250858
 ; FILING DATE: 27-MAY-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/331394
 ; FILING DATE: 28-OCT-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Dreger, Ginger R.
 ; REGISTRATION NUMBER: 33,055
 ; REFERENCE/DOCKET NUMBER: 897P2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415/952-9881
 ; TELEFAX: 415/952-9881
 ; TELEX: 910/371-7168
 ; INFORMATION FOR SEQ ID NO: 58:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 bases
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-446-915-58

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGGAGAGAGT 783
 Db 3 CTGGGAGAGAGT 15

RESULT 994

US-08-446-915-64
 ; Sequence 64, Application US/08446915
 ; Patent No. 5741667
 ; GENERAL INFORMATION:
 ; APPLICANT: Goeddel, David V.
 ; APPLICANT: Rothe, Mike
 ; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
 ; NUMBER OF SEQUENCES: 66
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patin (Genentech)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/446,915
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/250858
 ; FILING DATE: 27-MAY-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/331394
 ; FILING DATE: 28-OCT-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Dreger, Ginger R.
 ; REGISTRATION NUMBER: 33,055
 ; REFERENCE/DOCKET NUMBER: 897P2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 415/952-9881
 ; TELEFAX: 415/952-9881
 ; TELEX: 910/371-7168
 ; INFORMATION FOR SEQ ID NO: 64:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 bases
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-446-915-64

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 CTGGGAGAGAGT 783
 Db 3 CTGGGAGAGAGT 15

RESULT 995

US-08-484-192-111
 ; Sequence 111, Application US/08484192
 ; Patent No. 5756291
 ; GENERAL INFORMATION:
 ; APPLICANT: GRIFFIN, LINDA C.
 ; APPLICANT: ALBRECHT, GLENN
 ; APPLICANT: LATHAM, JOHN
 ; APPLICANT: LEUNG, LAWRENCE
 ; APPLICANT: VERMAAS, ERIC
 ; APPLICANT: TOOLE, JOHN J.
 ; TITLE OF INVENTION: APTAMERS SPECIFIC FOR BIOMOLECULES AND
 ; METHODS OF MAKING
 ; NUMBER OF SEQUENCES: 181
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: MORRISON & FOERSTER
 ; STREET: 755 PAGE MILL ROAD
 ; CITY: PALO ALTO
 ; STATE: CALIFORNIA
 ; COUNTRY: USA
 ; ZIP: 94304
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/484,192

```

; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/934,387
; FILING DATE: 21-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 246102002221
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-484-192-111

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 507 TTGCCAGTTGG 519
Db 4 TTGCCAGTTGG 16

RESULT 996
US-08-758-306-395
; Sequence 395, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 395:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-484-192-111

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 507 TTGCCAGTTGG 519
Db 4 TTGCCAGTTGG 16

RESULT 997
US-08-758-306-397
; Sequence 397, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-397

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 6.8e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 478 TTGGCATTCTCA 490
Db 1 UUGGCAUUCCTCA 13

RESULT 998
US-08-758-306-398
; Sequence 398, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 398:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-398

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 61.5%; Pred. No. 6.8e+02;
Matches 8; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 478 TTGGCATTCTCA 490
Db 1 UUGGCAUUCCTCA 13

```

RESULT 998

US-08-758-306-585/c
; Sequence 585, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306

FILING DATE: December 3, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 585:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-758-306-585

Query Match 1.4%; Score 11.4; DB 1; Length 17;

Best Local Similarity 92.3%; Pred. No. 6.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 250 TGAAGGACTTAGA 262

Db 17 TGAAGGACTTAGA 5

RESULT 999

US-08-758-306-587/c

; Sequence 587, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION

NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306

FILING DATE: December 3, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 587:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-758-306-587

Query Match 1.4%; Score 11.4; DB 1; Length 17;

Best Local Similarity 92.3%; Pred. No. 6.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 250 TGAAGGACTTAGA 262

Db 14 TGAAGGACTTAGA 2

RESULT 1000

US-08-758-306-943/c

; Sequence 943, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

Query Match	1.4%	Score 11.4	DB 1	Length 17
Best Local Similarity	92.3%	Pred. No. 6.8e+02		
Matches	12	Conservative 0	Mismatches 1	Indels 0
QY	673	AGCTCAGATGG	685	
Db	4	AGCTCAGATCG	16	
RESULT 1002				
US-08-267-803B-52/c				
Sequence 52, Application US/08267803B				
Patent No. 5834183				
GENERAL INFORMATION:				
APPLICANT: Orr, Harry T.				
APPLICANT: Ranum, Laura P.W.				
APPLICANT: Chung, Ming-Yi				
APPLICANT: Zoghbi, Huda Y.				
TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia				
Patent No. 5834183				
TITLE OF INVENTION: Type 1 and Method for Diagnosis				
NUMBER OF SEQUENCES: 85				
CORRESPONDENCE ADDRESS:				
ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.				
STREET: P.O. Box 581415				
CITY: Minneapolis				
STATE: MN				
COUNTRY: USA				
ZIP: 55458-1415				
COMPUTER READABLE FORM:				
MEDIUM TYPE: Floppy disk				
COMPUTER: IBM PC compatible				
OPERATING SYSTEM: PC-DOS/MS-DOS				
SOFTWARE: Patent In Release #1.0, Version #1.25				
CURRENT APPLICATION DATA:				
APPLICATION NUMBER: US/08/267,803B				
FILING DATE: 28-JUN-1994				
CLASSIFICATION: 435				
ATTORNEY/AGENT INFORMATION:				
NAME: McCormack, Myra H.				
REGISTRATION NUMBER: 36,602				
REFERENCE/DOCKET NUMBER: 110.00030120				
TELECOMMUNICATION INFORMATION:				
TELEPHONE: 612-305-1217				
TELEFAX: 612-305-1228				
INFORMATION FOR SEQ ID NO: 52:				
SEQUENCE CHARACTERISTICS:				
LENGTH: 17 base pairs				
TYPE: nucleic acid				
STRANDEDNESS: single				
TOPOLOGY: linear				
MOLECULE TYPE: DNA				
US-08-267-803B-52				
Query Match	1.4%	Score 11.4	DB 1	Length 17
Best Local Similarity	92.3%	Pred. No. 6.8e+02		
Matches	12	Conservative 0	Mismatches 1	Indels 0
QY	217	CCTCTCCAGACT	229	
Db	13	CCTCTCCAGATT	1	
RESULT 1003				
US-08-292-620A-1949				
Sequence 1949, Application US/08292620A				
Patent No. 5837542				
GENERAL INFORMATION:				
APPLICANT: Susan Grimm				
APPLICANT: Dan T. Stinchcomb				
APPLICANT: James McSwiggen				

APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOSOME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1949:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1949

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 6.8e-02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 824 GGGTGTGAAGCT 836
Db 5 GGGUCCUGAAGCU 17

RESULT 1004
US-08-237-973-52
Sequence 52, Application US/08237973
Patent No. 5840867
GENERAL INFORMATION:
APPLICANT: TOOLE, JOHN J.
APPLICANT: LATHAM, JOHN
APPLICANT: BOCK, LOUIS C.
APPLICANT: GRIFFIN, LINDA C.
TITLE OF INVENTION: APTAMER ANALOGS SPECIFIC FOR
TITLE OF INVENTION: BIOMOLECULES
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORSTER
STREET: 755 Page Mill Road

CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/237,973
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/787,921
FILING DATE: 06-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: GRACEY, NANCY J.
REGISTRATION NUMBER: 28,216
REFERENCE/DOCKET NUMBER: 24610-20032.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-237-973-52

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 507 TTGCCGAGTTGG 519
Db 4 TTGCCGAGTTGG 16

RESULT 1005
US-08-485-885-20
Sequence 20, Application US/08485885
Patent No. 5849483
GENERAL INFORMATION:
APPLICANT: SHUBER, ANTHONY P.
TITLE OF INVENTION: HIGH THROUGHPUT SCREENING METHOD FOR
TITLE OF INVENTION: SEQUENCES OR GENETIC ALTERATIONS IN NUCLEIC ACIDS
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genzyme Corporation
STREET: One Mountain Road
CITY: Framingham
STATE: Massachusetts
COUNTRY: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,885
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Dugan, Deborah A.
REGISTRATION NUMBER: 37,315
REFERENCE/DOCKET NUMBER: GEN4-12.1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415

```

; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: other nucleic acid
;   DESCRIPTION: /desc = "Oligonucleotides"
US-08-485-885-20

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

Qy 673 AGCTCACGATCG 685
Db 4 AGCTCACGATCG 16

```

```

RESULT 1006
US-07-785-565A-5/c
; Sequence 5, Application US/07785565A
; Patent No. 5866129
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.
; TITLE OF INVENTION: Treating Disease with a Peptide Corresponding to Membrane-Bound
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/785,565A
; FILING DATE: 19911104
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/455,080
; FILING DATE: 12/22/1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX89-04DDD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 nucleotides
;   TYPE: NUCLEIC ACID
;   STRANDEDNESS: Double stranded
;   TOPOLOGY: Linear
US-07-785-565A-5

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

Qy 502 GAGATTGGCCAG 514
Db 17 GAGACTGGCCAG 5

```

```

RESULT 1007
US-08-744-139-56
; Sequence 56, Application US/08744139

```

```

; Patent No. 5869612
; GENERAL INFORMATION:
; APPLICANT: Goeddel, David V
; APPLICANT: Rothe, Mike
; TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECEPTOR-ASSOCIATED FACTORS
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/744,139
; FILING DATE: 31-Oct-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 05/27/1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: P0897C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 17 base pairs
;   TYPE: Nucleic Acid
;   STRANDEDNESS: Single
;   TOPOLOGY: Linear
US-08-744-139-56

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 771 CTGCGAAGAAGT 783
Db 3 CTGCGAAGAAGT 15

```

```

RESULT 1008
US-08-849-021-16
; Sequence 16, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE

```



```

/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/849,021
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/346,456
/ FILING DATE: 28 NOVEMBER 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: FLOYD, LINDA AXAMETHY
/ REGISTRATION NUMBER: 33,692
/ REFERENCE/DOCKET NUMBER: BB-1064-A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 302-892-8112
/ TELEFAX: 302-992-7949
/ INFORMATION FOR SEQ ID NO: 16:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
US-08-849-021-16

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. NO. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      393 GGACACACACCC 405
Db      2 GGACACACACAC 14
      |||||
RESULT 1009
US-08-938-830-17
/ Sequence 17, Application US/08938830
/ Patent No. 604037
/ GENERAL INFORMATION:
/ APPLICANT: Lasky, Laurence A.
/ APPLICANT: Dowbenko, Donald J.
/ TITLE OF INVENTION: Tyrosine Phosphorylated Cleavage
/ TITLE OF INVENTION: Furrow-Associated Proteins (PSTPIPs)
/ NUMBER OF SEQUENCES: 73
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genentech, Inc.
/ STREET: 1 DNA Way
/ CITY: South San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94080
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WisPatIn (Genentech)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/938,830
/ FILING DATE:
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/798419
/ FILING DATE: 07-FEB-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dregger, Ginger R.
/ REGISTRATION NUMBER: 33,055
/ REFERENCE/DOCKET NUMBER: P1066P1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650/225-3216
/ TELEFAX: 650/952-9881
/ INFORMATION FOR SEQ ID NO: 17:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs

```

```

/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
US-08-938-830-17

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. NO. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      771 CTGGAGAGAGAGT 783
Db      3 CTGGCGAAGAAGT 15
      |||||
RESULT 1010
US-08-985-162-211/c
/ Sequence 211, Application US/08985162
/ Patent No. 6057156
/ GENERAL INFORMATION:
/ APPLICANT: Akhtar, Saghir
/ APPLICANT: Fell, Patricia
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
/ TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/ TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/ NUMBER OF SEQUENCES: 1877
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,162
/ FILING DATE: 04 December 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wartburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELETYPE: 67-3510
/ INFORMATION FOR SEQ ID NO: 211:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-985-162-211

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. NO. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      762 ATGGCAGAACTGG 774
Db      15 ATGGCAGAACTGG 3
      |||||

```

```

RESULT 1011
US-08-985-162-236
; Sequence 236, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-236

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 6.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 243 CAGCTCTTGAAG 255
Db 4 CAGGUCUUGAAG 16
||| :||:|||||
;

RESULT 1012
US-08-985-162-237
; Sequence 237, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 237:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 6.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 243 CAGCTCTTGAAG 255
Db 2 CAGGUCUUGAAG 14
||| :||:|||||
;

RESULT 1013
US-08-985-162-805/c
; Sequence 805, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 805:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-805

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 521 ATTGGAGTCAA 533
Db 15 ATCTGGAGTCAA 3

RESULT 1014
US-08-998-099-31/c
Sequence 31, Application US/08998099A
Patent No. 6103890
GENERAL INFORMATION:

APPLICANT: JARVIS, THALE
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: STINCHCOMB, DAN T.
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
FILE REFERENCE: 231/175
CURRENT APPLICATION NUMBER: US/08/998,099A
CURRENT FILING DATE: 1997-12-24
EARLIER APPLICATION NUMBER: 60/037,658
EARLIER FILING DATE: 1997-01-23
EARLIER APPLICATION NUMBER: 08/373,124
EARLIER FILING DATE: 1995-01-13
EARLIER APPLICATION NUMBER: 08/245,466
EARLIER FILING DATE: 1994-05-18
NUMBER OF SEQ ID NOS: 375
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 31
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-08-998-099-31

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAGT 783
Db 14 CTGGAGAGAGT 2

RESULT 1015
US-09-020-222-17
Sequence 17, Application US/09020222
Patent No. 611073
GENERAL INFORMATION:

APPLICANT: Lasky, Laurence A.

TITLE OF INVENTION: Tyrosine Phosphorylated Cleavage
TITLE OF INVENTION: Furrow-Associated Proteins (PSTPIPS)
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatin (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/020,222
FILING DATE: 06-Feb-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/798419
FILING DATE: 02/07/1997
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ganger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: P1066r1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/225-3216
TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
US-09-020-222-17

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAGT 783
Db 3 CTGGAGAGAGT 15

RESULT 1016

US-09-071-845-1949
Sequence 1949, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1949:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1949

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Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 6.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

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Qy 824 GGGTGTGAAGCT 836
Db 5 GGGUCCUGAAGCU 17

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RESULT 1017

```

US-08-482-918-100/c
; Sequence 100, Application US/08482918
; Patent No. 6207417
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,918
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/33005
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448

```

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; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 100:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-482-918-100

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 448 CAGATGCTTCCA 460
Db 15 CAGATACCTTCCA 3

```

RESULT 1018

```

US-09-224-681-100/c
; Sequence 100, Application US/09224681
; Patent No. 6207454
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,681
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107

```

REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX:

INFORMATION FOR SEQ ID NO: 100:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-224-681-100

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 448 CAGATGCTTCCA 460
Db 15 CAGATACCTTCCA 3

RESULT 1019

US-08-336-728A-100/c
Sequence 100, Application US/08336728A
Patent No. 6207802

GENERAL INFORMATION:

APPLICANT: Zsebo, Kristina M.
APPLICANT: Bosseman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104

CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A

FILING DATE: 09-NOV-1994

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/982,255

FILING DATE: 25-NOV-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/589,701

FILING DATE: 01-OCT-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/573,616

FILING DATE: 24-AUG-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/537,198

FILING DATE: 11-JUN-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/422,383

FILING DATE: 16-OCT-1989

ATTORNEY/AGENT INFORMATION:

NAME: Clough, David W.

REGISTRATION NUMBER: 36,107

REFERENCE/DOCKET NUMBER: 01017/32956

TELEPHONE: 312/474-6300

TELEFAX: 312/474-0448

TELEX: 25-3856

INFORMATION FOR SEQ ID NO: 100:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-336-728A-100

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 448 CAGATGCTTCCA 460
Db 15 CAGATACCTTCCA 3

RESULT 1020

US-09-021-701-107

Sequence 107, Application US/09021701

Patent No. 6251588

GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.
APPLICANT: Wolber, Paul K.
APPLICANT: Delenstarr, Glenda C.
APPLICANT: Webb, Peter G.
APPLICANT: Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 107:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
HYPOHETICAL: NO
ANTI-SENSE: NO

US-09-021-701-107

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 133 TGCTGCTTTGGG 145
Db 5 TGCTGCTTTGGG 17

RESULT 1021
 US-09-029-755C-16
 ; Sequence 16, Application US/09029755C
 ; Patent No. 6326477
 ; GENERAL INFORMATION:
 ; APPLICANT: ILMEN, Maria
 ; APPLICANT: SOEDERLUND, Hans
 ; APPLICANT: PENTTILA, Merja
 ; TITLE OF INVENTION: PROCESS FOR MODIFYING GLUCOSE REPRESSION
 ; FILE REFERENCE: Substitute Sequence Listing-09-029755
 ; Patent No. 6326477
 ; CURRENT APPLICATION NUMBER: US/09/029,755C
 ; CURRENT FILING DATE: 1998-03-02
 ; PRIOR APPLICATION NUMBER: PCT/FI96/00463
 ; PRIOR FILING DATE: 1996-08-30
 ; PRIOR APPLICATION NUMBER: FI 954123
 ; PRIOR FILING DATE: 1995-09-01
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 16
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Trichoderma reesei
 ; US-09-029-755C-16

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 411 CAGCAGGCTCTCC 423
 DB 3 CAGCAGTCTCTCC 15

RESULT 1022
 US-09-564-805-60/c
 ; Sequence 60, Application US/09564805
 ; Patent No. 6333403
 ; GENERAL INFORMATION:
 ; APPLICANT: Tavtigian, Sean V.
 ; APPLICANT: Teng, David H.P.
 ; APPLICANT: Simard, Jacques
 ; APPLICANT: Rommens, Johanna M.
 ; APPLICANT: Myriad Genetics, Inc.
 ; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
 ; FILE REFERENCE: Gene and a Paralog and Orthologous Genes
 ; CURRENT APPLICATION NUMBER: US/09/564,805
 ; CURRENT FILING DATE: 2000-05-05
 ; PRIOR APPLICATION NUMBER: US 60/107,468
 ; PRIOR FILING DATE: 1998-11-06
 ; PRIOR APPLICATION NUMBER: 09/434,382
 ; PRIOR FILING DATE: 1999-11-05
 ; NUMBER OF SEQ ID NOS: 240
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 60
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-564-805-60

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 446 GCCAGATGCTTC 458
 DB 13 GCCAAATGCTTC 1

RESULT 1023
 US-08-584-040-6052

; Sequence 6052, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; TITLE OF INVENTION: GROWTH FACTOR
 ; NUMBER OF SEQUENCES: 8502
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/584,040
 ; FILING DATE: January 11, 1996
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 60/005,974
 ; FILING DATE: October 26, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/064
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 6052:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-584-040-6052

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 76.9%; Pred. No. 6.8e+02;
 Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 776 GAAGAAGTGTGAG 788
 DB 2 GAAGAAUUGUGAG 14

RESULT 1024
 US-08-584-040-7245/c
 ; Sequence 7245, Application US/08584040
 ; Patent No. 6346398
 ; GENERAL INFORMATION:
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 ; TITLE OF INVENTION: GROWTH FACTOR

```

/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7425:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-584-040-7425
/
/ Query Match 1.4%; Score 11.4; DB 1; Length 17;
/ Best Local Similarity 92.3%; Pred. No. 6.8e+02;
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/
/ QY 367 AAGAGCGTCTGCG 379
/ Db 13 AAGAGAGTCTGCG 1
/
/ RESULT 1025
/ US-08-584-040-7425/c
/ Sequence 7425, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 7425:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-584-040-7425
/
/ Query Match 1.4%; Score 11.4; DB 1; Length 17;
/ Best Local Similarity 92.3%; Pred. No. 6.8e+02;
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
/
/ QY 345 GGTGCCAGCGCCA 357
/ Db 16 GGTGCCAGAGCCA 4
/
/ RESULT 1026
/ US-08-779-599-56
/ Sequence 56, Application US/08779599
/ Patent No. 6500922
/ GENERAL INFORMATION:
/ APPLICANT: Goettel, David V.
/ APPLICANT: Rothe, Mike
/ TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
/ NUMBER OF SEQUENCES: 59
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genentech, Inc.
/ STREET: 460 Point San Bruno Blvd
/ CITY: South San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94080
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WinPatIn (Genentech)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/779,599
/ FILING DATE: 07-Jan-1997
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Dreger, Ginger R.
/ REGISTRATION NUMBER: 33,055
/ REFERENCE/DOCKET NUMBER: P0897C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415/225-3216
/ TELEFAX: 415/952-9881
/ TELEX: 910/371-7168
/ INFORMATION FOR SEQ ID NO: 56:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single

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TOPOLOGY: Linear
US-08-779-599-56

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 CTGGAGAGAACT 783
Db 3 CTGGCGAGAACT 15

RESULT 1027

US-09-474-432B-612
; Sequence 612, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 612
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-612

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 410 CCAGCGAGCTCTC 422
Db 2 CCAGCGGCUUC 14

RESULT 1028

US-09-474-432B-763
; Sequence 763, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05

; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 763
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-763

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 203 CTTGGGTTCAC 215
Db 4 CCUGGCGUCCAC 16

RESULT 1029

US-09-474-432B-828
; Sequence 828, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 828
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-828

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 211 CCAGCGCTCTCC 223
Db 5 CCAGCGGCUUC 17

RESULT 1030

US-09-474-432B-830
; Sequence 830, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex

APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
FILE REFERENCE: MEH00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 830
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-474-432B-830

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 729 CTGCGGTACAGTG 741
|||||:|
Db 4 CAGCGGUACAGUG 16

RESULT 1031
US-09-789-556A-35
Sequence 35, Application US/09789556A
Patent No. 6534269
GENERAL INFORMATION:
APPLICANT: City of Hope
APPLICANT: Liu, Qiang
APPLICANT: Sommer, Steve S.
TITLE OF INVENTION: Pyrophosphorolysis Activated Polymerization (PAP): Application to
TITLE OF INVENTION: Specific Amplification and Nucleic Acid Sequence Determination
FILE REFERENCE: 1954-328-II
CURRENT APPLICATION NUMBER: US/09/789,556A
CURRENT FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: US 60/237,180
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: US 60/187,035
PRIOR FILING DATE: 2000-03-06
PRIOR APPLICATION NUMBER: US 60/184,315
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PatentIn version 3.0
SEQ ID NO 35
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
NAME/KEY: misc-feature
LOCATION: (18)..(18)
OTHER INFORMATION: dideoxynucleotide
US-09-789-556A-35

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 304 CCTGCATCGGAA 316
|||||

Db 3 CCTGCTTGGAA 15

RESULT 1032
US-09-230-652-132
Sequence 132, Application US/09230652A
Patent No. 653775
GENERAL INFORMATION:
APPLICANT: Tournier-Lasserre, Elisabeth
APPLICANT: Joutel, Anne
APPLICANT: Bousser, Marie-Germaine
APPLICANT: Bach, Jean-Francois
TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
TITLE OF INVENTION: THERAPEUTIC APPLICATION
FILE REFERENCE: 03715.0048-00000
CURRENT APPLICATION NUMBER: US/09/230,652A
CURRENT FILING DATE: 1999-05-17
EARLIER APPLICATION NUMBER: FR 96 09733
EARLIER FILING DATE: 1996-08-01
EARLIER APPLICATION NUMBER: FR 97 04680
EARLIER FILING DATE: 1997-04-16
EARLIER APPLICATION NUMBER: PCT/FR97/01433
EARLIER FILING DATE: 1997-07-31
NUMBER OF SEQ ID NOS: 163
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 132
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-132

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 572 CTCGCTGCCTCAC 584
|||||
Db 1 CTCCTGCCTCAC 13

RESULT 1033
US-09-371-772B-2889
Sequence 2889, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2889
LENGTH: 17
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-2889

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 776 GAAGAAGTGTGAG 788
||||| :|||
Db 2 GAAGAAUUGAG 14

RESULT 1034
US-09-371-772B-3054/c
; Sequence 3054, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Growth of Endothelial Cells
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US 09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3054
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3054

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 367 AAGAGCGTCTGGC 379
||||| :|||
Db 13 AAGAGAGTCTGGC 1

RESULT 1035
US-09-371-772B-3232/c
; Sequence 3232, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Growth of Endothelial Cells
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US 09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3232
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3232

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 345 GGTGCCAGGCCA 357

Db 16 GGTGCCAGGCCA 4
||||| :|||

RESULT 1036
US-09-371-772B-4715/c
; Sequence 4715, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to the Growth of Endothelial Cells
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US 09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4715
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4715

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 505 ATTGGCCAGTTT 517
||||| :|||
Db 17 ATTGGCCAGTTT 5

RESULT 1037
US-09-476-387-611
; Sequence 611, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 611
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-611

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Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTC 422
    ||||| :|||:|
Db 2 CCAGCGGCUUC 14

RESULT 1038
US-09-476-387-762
; Sequence 827, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 762
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-762

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 203 CCTGGGTTCCAG 215
    ||||| :|||:|
Db 4 CCUGGCUUC 16

RESULT 1039
US-09-476-387-827
; Sequence 827, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 762
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-762

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 203 CCTGGGTTCCAG 215
    ||||| :|||:|
Db 4 CCUGGCUUC 16

RESULT 1039
US-09-476-387-827
; Sequence 827, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28

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; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 827
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-827

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 211 CCCAGCCCTCTCC 223
    ||||| :|||:|
Db 5 CCCAGCCCUUC 17

RESULT 1040
US-09-476-387-829
; Sequence 829, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 829
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-829

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 76.9%; Pred. No. 6.8e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 729 CTGGGTACAGTG 741
    ||||| :|||:|
Db 4 CAGCGUACAG 16

RESULT 1041
US-09-401-063-211/C
; Sequence 211, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia

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; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 211:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-211

```

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Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 ATGCCAGCACTGG 774
Db 15 ATGCCAGCACTGG 3

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RESULT 1042
US-09-401-063-236
; Sequence 236, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

```

```

; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-236

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 6.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 243 CAGCTCTTGAAGG 255
Db 4 CAGGUCUUGAAGG 16

```

```

RESULT 1043
US-09-401-063-237
; Sequence 237, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:

```

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/985,162
 FILING DATE: 04 December 1997
 APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 237:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-401-063-237
 Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 69.2%; Pred. No. 6.8e+02;
 Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
 QY 243 CAGCTCTTGAAGG 255
 |||:|:|:|
 Db 2 CAGGUCUUGAAGG 14
 RESULT 1044
 US-09-401-063-805/c
 Sequence 805, Application US/09401063
 Patent No. 6623962
 GENERAL INFORMATION:
 APPLICANT: Akhtar, Saghir
 APPLICANT: Fell, Patricia
 APPLICANT: McGswigen, James
 TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
 TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
 TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
 TITLE OF INVENTION: FACTOR RECEPTORS
 NUMBER OF SEQUENCES: 1877
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/401,063
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/985,162
 FILING DATE: 04 December 1997
 APPLICATION NUMBER: 60/036,476
 FILING DATE: 31 January 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 230/107
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440

TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 805:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-401-063-805
 Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 521 ATTGGGAGTCAA 533
 |||:|:|:|
 Db 15 ATCTGGAGTCAA 3
 RESULT 1045
 US-09-907-794A-237/c
 Sequence 237, Application US/09907794A
 Patent No. 6635468
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnovers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas P.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/907,794A
 CURRENT FILING DATE: 2001-07-17
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29

; PRIOR APPLICATION NUMBER: PCT/US99/28313
 ; PRIOR FILING DATE: 1999-11-30
 ; PRIOR APPLICATION NUMBER: PCT/US99/28564
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/28565
 ; PRIOR FILING DATE: 1999-12-02
 ; PRIOR APPLICATION NUMBER: PCT/US99/30095
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: PCT/US99/30911
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US99/30999
 ; PRIOR FILING DATE: 1999-12-20
 ; PRIOR APPLICATION NUMBER: PCT/US00/00219
 ; PRIOR FILING DATE: 2000-01-05
 ; NUMBER OF SEQ ID NOS: 423
 ; SEQ ID NO 237
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic oligonucleotide probe
 US-09-907-794A-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 145 GGGCTGCAGCTCC 157
 ||| |||||
 Db 13 GGGCTGCAGCTCC 1

RESULT 1046
 US-09-818-236A-11
 ; Sequence 11, Application US/09818236A
 ; Patent No. 6645505
 ; GENERAL INFORMATION:
 ; APPLICANT: Soni, Vishal
 ; APPLICANT: Khandrika, Lakshmi Pathi
 ; APPLICANT: Agrawal, Pushpa
 ; TITLE OF INVENTION: A REPORTER GENE BASED PROCESS FOR THE SCREENING OF
 ; TITLE OF INVENTION: ANTI-TUBERCULOSIS DRUGS BY USING ESSENTIAL AND
 ; TITLE OF INVENTION: REGULATORY GENE OF MYCOBACTERIA AS DRUG TARGET
 ; FILE REFERENCE: U0133405
 ; CURRENT APPLICATION NUMBER: US/09/818,236A
 ; CURRENT FILING DATE: 2001-03-27
 ; NUMBER OF SEQ ID NOS: 16
 ; SOFTWARE: Patent In Ver. 2.0
 ; SEQ ID NO 11
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: Oligonucleotide primer designed to amplify the
 ; OTHER INFORMATION: whiB2 gene of Mycobacterium tuberculosis H37Rv
 US-09-818-236A-11

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 189 GCGCGGTCAGTT 201
 ||| |||||
 Db 1 GCGCGGTCAGAT 13

RESULT 1047
 US-09-827-998-462
 ; Sequence 462, Application US/09827998
 ; Patent No. 6656700
 ; GENERAL INFORMATION:
 ; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 ; FILE REFERENCE: MDHMORF-8
 ; CURRENT APPLICATION NUMBER: US/09/827,998
 ; CURRENT FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 462
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-827-998-462

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 770 ACTGGAGAAGAAG 782
 ||| |||||
 Db 5 ACTGAAGAAGAAG 17

RESULT 1048
 US-09-827-998-463
 ; Sequence 463, Application US/09827998
 ; Patent No. 6656700
 ; GENERAL INFORMATION:
 ; APPLICANT: Gu, Yizhong
 ; APPLICANT: Shannon, Mark
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 ; FILE REFERENCE: MDHMORF-8
 ; CURRENT APPLICATION NUMBER: US/09/827,998
 ; CURRENT FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 463
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-827-998-463

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 770 ACTGGAGAAGAAG 782
 ||| |||||
 Db 4 ACTGAAGAAGAAG 16

RESULT 1049
 US-09-905-125A-237/c
 ; Sequence 237, Application US/09905125A
 ; Patent No. 6664376
 ; GENERAL INFORMATION:
 ; APPLICANT: Genentech, Inc.
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan L.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jeanie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 237
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-905-125A-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 145 GGGGTGCAGCTCC 157
Db 13 GGGGTGCAGCTCC 1

RESULT 1050
US-09-866-108A-170
Sequence 170, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 170
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-170

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 611 CGTGGCCATCTCA 623
Db 5 CATGGCCATCTCA 17

RESULT 1051
US-09-866-108A-171
Sequence 171, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 171
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-171

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 611 CGTGCCATCTCA 623
DB 4 CATGGCCATCTCA 16

RESULT 1052
US-09-866-108A-175
; Sequence 175, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-08-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 171
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-175

; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 175
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-175

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 613 TGGCCATCTCAAC 625
DB 2 TGGCCATCTCATC 14

RESULT 1053
US-09-866-108A-1386
; Sequence 1386, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1386
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1386

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 665 GCAGCTGAAGCTC 677
DB 2 GCAGGTGAAGCTC 14


```

RESULT 1054
US-09-866-108A-1506/C
; Sequence 1506, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1506
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1506

      Query Match      1.4%; Score 11.4; DB 1; Length 17;
      Best Local Similarity 92.3%; Pred. No. 6.8e+02;
      Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps

QY      562 AGCAGGGATCCTC 574
      |||||
Db      17 AGCAGGGCTCCTC 5

RESULT 1055
US-09-866-108A-1507/C
; Sequence 1507, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 1508
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-1508

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574
 Db 15 AGCAGGGGCTCCTC 3

RESULT 1057
 US-09-866-108A-1509/c
 ; Sequence 1509, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663

Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 1510
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-1510

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574
 Db 13 AGCAGGGGCTCCTC 1

RESULT 1059
 US-09-866-108A-1784/c
 ; Sequence 1784, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 562 AGCAGGGGCTCCTC 574
 Db 15 AGCAGGGGCTCCTC 3

; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1784
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1784

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 382 TCCTGCTGCGGG 394
Db 17 TCCTGCTGCGAG 5

RESULT 1060
US-09-866-108A-1785/c
; Sequence 1785, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1790
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1790

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 379 CGTCTGCTGCGG 391

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1785
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1785

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 382 TCCTGCTGCGGG 394
Db 16 TCCTGCTGCGAG 4

RESULT 1061
US-09-866-108A-1790/c
; Sequence 1790, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1790
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1790

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 379 CGTCTGCTGCGG 391


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/ PRIOR APPLICATION NUMBER: PCT/US01/006688
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006683
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acemica Sequence Listing Engine
/ Patent No. 6866188
/ SEQ ID NO 7796
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7796

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```
Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY	664	TGCAGCTGAAGCT	676
Db	14	TGCTGCTGAAGCT	2

RESULT 1065
US-09-866-108A-7797/c
; Sequence 7797, Application US/09866108A

; FACULTY NO. 0000188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yongqiang

; APPLICANT: FENN, Shannon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng

/ APPLICANT: SHANNON, MARK
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 : CURRENT APPLICATION NUMBER: US/09/866,108A

```

; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
;
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
;

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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

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; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663

```

; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine

```

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; PATENT NO. 6685188
; SEQ ID NO 7797
; LENGTH: 17
; TYPE: DNA

```

US-09-866-108A-7797
ORGANISM: Homo sapiens
Query Match 1.4% Score 11.4 DB 1 Length 17:

```

Best Local Similarity 92.3%; Pred. NO. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps

```

Db : 13 TGCTGCTGAAGCT 1

RESULT 1066

US-09-866-108A-8102/c

Sequence 8102, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JT, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aemica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8102

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-8102

Query Match	1.4%;	Score 11.4;	DB 1;	Length 17;
Best Local Similarity	92.3%;	Pred. No. 6.8e+02;		
Matches 12:	Conservative	0;	Mismatches	1;
			Indels	0;
			Gaps	0;

Qy	798	CAGGACTGACTGA	810
D _b	17	CAGGACTGACGGA	5

RESULT 1067
US-09-866-108A-8107/C

Sequence #107, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU. Yizhong

: JI, Yongsang
 : APPLICANT: PENN, Sharron G.
 : APPLICANT: HANZEL, David K.
 : APPLICANT: RANK, David R.
 :

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

```

; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8107
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8107

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 797 GCAGGACTGACTG 809
Db 13 GCAGGACTGACGG 1

```

```

RESULT 1068
US-09-866-108A-8140
; Sequence 8140, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8140
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8140

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 663 ATGCAGCTGAGGC 675
Db 5 ATGCAGCTGAGGC 17

```

```

RESULT 1069
US-09-866-108A-8141
; Sequence 8141, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8141
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

```

QY 663 ATGCAGCTGAAGC 675
 |||||
 DB 4 ATGCAGCTGGAGC 16

RESULT 1070

US-09-866-108A-8142
 ; Sequence 8142, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeo mica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8142

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-8142

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGC 675
 |||||
 DB 3 ATGCAGCTGGAGC 15

RESULT 1071

US-09-866-108A-8143
 ; Sequence 8143, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeo mica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8143

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-8143

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 ATGCAGCTGAAGC 675
 |||||
 DB 2 ATGCAGCTGGAGC 14

RESULT 1072

US-09-866-108A-8144
 ; Sequence 8144, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOmica-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 8144
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-8144

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 563 ATGCAGCTGGAGC 675
Db 1 ATGCAGCTGGAGC 13

RESULT 1073
US-09-866-108A-8387/c
;; Sequence 8387, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 8387
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-8387

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 401 CACCTGTCTCCAG 413
Db 13 CACTGTGTCTCCAG 1

RESULT 1074
US-09-866-108A-8489/c
;; Sequence 8489, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 8489
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-8489

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 409 TCCAGCAGGCTCT 421
Db 17 TCCAGCAGGCTCT 5

RESULT 1075
US-09-866-108A-8490/c
;; Sequence 8490, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng

Best Local Similarity 92.3%; Pred. No. 6.8e+02; Mismatches 0; Indels 1; Gaps 0;

QY 409 TCCAGCAGGCTCT 421
 |||||
 Db 14 TCCACCAGGCTCT 2

RESULT 1078

US-09-866-108A-8645
 ; Sequence 8645, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US. 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US. 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8645
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8645

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676
 |||||
 Db 5 TGCAGCTGCAGCT 17

RESULT 1079

US-09-866-108A-8646
 ; Sequence 8646, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US. 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US. 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8646
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8646

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676
 |||||
 Db 4 TGCAGCTGCAGCT 16

RESULT 1080

US-09-866-108A-8647
 ; Sequence 8647, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US. 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US. 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8647
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8647

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676
DB 3 TGCAGCTGCAGCT 15

RESULT 1081
US-09-866-108A-8648
; Sequence 8648, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8648
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8648

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 664 TGCAGCTGAAGCT 676
DB 2 TGCAGCTGCAGCT 14

RESULT 1082
US-09-866-108A-8649
; Sequence 8649, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8649
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8649

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 664 TGCAGCTGAAGCT 676
DB 1 TGCAGCTGCAGCT 13

RESULT 1083
US-09-866-108A-8913/c
; Sequence 8913, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8913
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8913

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGGCTGC 429
DB 17 GCTCTCCGGCTGC 5

RESULT 1084
US-09-866-108A-8914/c
; Sequence 8914, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8915
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8915

```

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; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8914
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8914

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 417 GCTCTCCGGCTGC 429
DB 16 GCTCTCCGGCTGC 4

RESULT 1085
US-09-866-108A-8915/c
; Sequence 8915, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8915
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8915

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Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 417 GCTCTCCGCTGC 429
| | | | | | | | | | | | | | | | |
Db 15 GCTCTCCGCTGC 3

RESULT 1086
US-09-866-108A-8916/c
; Sequence 8916, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8917
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8917

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 417 GCTCTCCGCTGC 429
| | | | | | | | | | | | | | | | |
Db 13 GCTCTCCGCTGC 1

RESULT 1088
US-09-866-108A-9031
; Sequence 9031, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 417 GCTCTCCGCTGC 429
| | | | | | | | | | | | | | | | |
Db 15 GCTCTCCGCTGC 3

RESULT 1086
US-09-866-108A-8916/c
; Sequence 8916, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8916
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8916

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 417 GCTCTCCGCTGC 429
| | | | | | | | | | | | | | | | |
Db 14 GCTCTCCGCTGC 2

RESULT 1087
US-09-866-108A-8917/c
; Sequence 8917, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9031
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9031

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```

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy      333 GTGAGCAACTTG 345
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Db      5 GTGAGGAACTTG 17

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RESULT 1089
US-09-866-108A-9032
; Sequence 9032, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9032
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9032

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US-09-866-108A-9032

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```

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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Qy      333 GTGAGCAACTTG 345
      ||||| |||||
Db      4 GTGAGGAACTTG 16

```

```

RESULT 1090
US-09-866-108A-9033
; Sequence 9033, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9033
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9033

```

```

Query Match      1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy      333 GTGAGCAACTTG 345
      ||||| |||||
Db      3 GTGAGGAACTTG 15

```

```

RESULT 1091
US-09-866-108A-9034
; Sequence 9034, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

```

APPLICANT: PENN, Sharon G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEMICA-7
 CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aemica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 9034
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-9034

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 333 GTGGAGCACTTG 345
 DB 2 GTGGAGCACTTG 14

RESULT 1092
 US-09-902-775A-237/c
 Sequence 237, Application US/09902775A
 Patent No. 6686451
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/902,775A
 CURRENT FILING DATE: 2001-07-10
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 237
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe
 US-09-902-775A-237

Query Match 1.4%; Score 11.4; DB 1; Length 17;
 Best Local Similarity 92.3%; Pred. No. 6.8e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 145 GGGCTGCAGCTCC 157
 DB 13 GGGCTGCAGCTCC 1

RESULT 1093
 PCT-US94-12947A-110
 Sequence 110, Application PC/TUS9412947A
 GENERAL INFORMATION:
 APPLICANT: The Johns Hopkins University School of Medicine
 TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY
 TITLE OF INVENTION: ANALYSIS OF SPUTUM
 NUMBER OF SEQUENCES: 128
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Spensley Horn Jubas & Lubitz
 STREET: 1880 Century Park East, Suite 500

```

; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
;
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/12947A
; FILING DATE: 10-NOV-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Halle, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: FD-2912
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; PCT-US94-12947A-110

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```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 373 GTCTGGCCCTCTCT 385
Db 1 GTCTGGCCCTCTCT 13

```

```

RESULT 1094
PCT-US95-06639-58
; Sequence 58, Application PC/TUS9506639
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 27-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/331394
; FILING DATE: 28-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 897P2PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-06639-64

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 771 CTGCGAGAAGT 783
Db 3 CTGCGAGAAGT 15

```

```

; REFERENCE/DOCKET NUMBER: 897P2PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-06639-58

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 771 CTGCGAGAAGT 783
Db 3 CTGCGAGAAGT 15

```

```

RESULT 1095
PCT-US95-06639-64
; Sequence 64, Application PC/TUS9506639
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: patin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250858
; FILING DATE: 27-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/331394
; FILING DATE: 28-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Dreger, Ginger R.
; REGISTRATION NUMBER: 33,055
; REFERENCE/DOCKET NUMBER: 897P2PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-3216
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; PCT-US95-06639-64

```

```

Query Match 1.4%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 6.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```


Db 3 CTGGCGAAGAGT 15

RESULT 1096

US-09-920-760-63/c

; Sequence 63, Application US/09920760

; Patent No. 6492173

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION

; FILE REFERENCE: RTS-0275

; CURRENT APPLICATION NUMBER: US/09/920,760

; CURRENT FILING DATE: 2001-08-01

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 63

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-920-760-63

Query Match 1.4%; Score 11.4; DB 1; Length 18;

Best Local Similarity 92.3%; Pred. No. 7.5e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 407 GCTCCAGCAGGCT 419

|||||

Db 13 GCTCCAGCAGGAT 1

RESULT 1097

US-08-585-684B-2721

; Sequence 2721, Application US/08585684B

; Patent No. 5877021

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/585,684B

; FILING DATE: January 16, 1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/000,951

; FILING DATE: July 7, 1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2721:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-2721

Query Match 1.4%; Score 11.4; DB 1; Length 18;

Best Local Similarity 69.2%; Pred. No. 7.5e+02;

Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTGA 252

|||||

Db 3 GCACAGCUCUUGA 15

RESULT 1098

US-09-038-073-2721

; Sequence 2721, Application US/09038073

; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,073

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,684

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2721:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-2721

Query Match 1.4%; Score 11.4; DB 1; Length 18;

Best Local Similarity 69.2%; Pred. No. 7.5e+02;

Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 240 GCTCAGCTCTGA 252

|||||

Db 3 GCACAGCUCUUGA 15

RESULT 1099

```

US-09-422-978-11502/c
; Sequence 11502, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/398,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11502
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-8232 for SEQ 3637, in compleme
US-09-422-978-11502

Query Match 1.4%; Score 11.4; DB 1; Length 18;
Best Local Similarity 92.3%; Pred. No. 7.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 818 TACTGTGGTGCT 830
Db | ||||| |||||
13 TTCTGTGGTGCT 1

RESULT 1100
US-09-870-956-48/c
; Sequence 48, Application US/09870956
; Patent No. 6683169
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. 6683169el Compositions for the Expression of the Human Peptid
; TITLE OF INVENTION: Histidine Transporter 1 and Methods of Use Thereof
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-48

Query Match 1.4%; Score 11.4; DB 1; Length 27;
Best Local Similarity 92.3%; Pred. No. 1.2e+03;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 555 GCCCACACGAG 567
Db | ||||| |||||
19 GCCCACACGAG 7

RESULT 1101
US-07-999-071-10/c

```

```

; Sequence 10, Application US/07999071
; Patent No. 5691196
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/07/999,071
; APPLICATION NUMBER: US/07/999,071
; FILING DATE: 31-DEC-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31145
; REFERENCE/DOCKET NUMBER: 31941
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 831-3241
; TELEFAX: (201) 831-3305
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-07-999-071-10

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 185 CAGTGGCGGGTCACT 200
Db | ||||| |||||
16 CAGGGGTCACTCACT 1

RESULT 1102
US-08-469-122-10/c
; Sequence 10, Application US/08469122
; Patent No. 5700650
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,122

```

US-08-465-783-10

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 185 CAGTGGCGGTCAGT 200
Db 16 CAGGGGTCAAGTCAGT 1

RESULT 1103

US-08-465-783-10/c
; Sequence 10, Application US/08465783
; Patent No. 5700682
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,783
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,071
; FILING DATE: 31-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31145
; REFERENCE/DOCKET NUMBER: 31941
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 831-3241
; TELEFAX: (201) 831-3305
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-469-122-10

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 185 CAGTGGCGGTCAGT 200
Db 16 CAGGGGTCAAGTCAGT 1

RESULT 1104

US-08-469-120-10/c
; Sequence 10, Application US/08469120
; Patent No. 5714595
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,120
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,071
; FILING DATE: 31-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31145
; REFERENCE/DOCKET NUMBER: 31941
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 831-3241
; TELEFAX: (201) 831-3305
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-469-120-10

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 185 CAGTGGCGGTCAGT 200
Db 16 CAGGGGTCAAGTCAGT 1

RESULT 1105

US-08-555-678-67/c
; Sequence 67, Application US/08555678
; Patent No. 5763174
; GENERAL INFORMATION:
; APPLICANT: Nishikura, Kazuko
; TITLE OF INVENTION: RNA Editing Enzyme and Methods
; TITLE OF INVENTION: of Use thereof

US-08-465-783-10

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 185 CAGTGGCGGTCAGT 200
Db 16 CAGGGGTCAAGTCAGT 1

RESULT 1104

US-08-469-120-10/c
; Sequence 10, Application US/08469120
; Patent No. 5714595
; GENERAL INFORMATION:
; APPLICANT: Mak, Paul
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: Mechanism-Based Screen for Retinoid X
; TITLE OF INVENTION: Receptor Agonists and Antagonists
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: One Cyanamid Plaza
; CITY: Wayne
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07470
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,120
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,071
; FILING DATE: 31-DEC-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31145
; REFERENCE/DOCKET NUMBER: 31941
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (201) 831-3241
; TELEFAX: (201) 831-3305
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-469-120-10

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 185 CAGTGGCGGTCAGT 200
Db 16 CAGGGGTCAAGTCAGT 1

RESULT 1105

US-08-555-678-67/c
; Sequence 67, Application US/08555678
; Patent No. 5763174
; GENERAL INFORMATION:
; APPLICANT: Nishikura, Kazuko
; TITLE OF INVENTION: RNA Editing Enzyme and Methods
; TITLE OF INVENTION: of Use thereof

NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Howson and Howson
STREET: Spring House Corporate Cntr, P.O. Box 457
CITY: Spring House
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/555,678
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/197,794
FILING DATE: 17-FEB-1994
PRIOR APPLICATION DATA: US 08/280,443
FILING DATE: 25-JUL-1994
APPLICATION NUMBER: US 08/457,459
FILING DATE: 01-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: WST49DUSA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9206
TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 67:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-555-678-67

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 717 AATTTTCAGAGCTGC 732
Db 16 AGATGTCAGAGCTGC 1

RESULT 1106
US-08-778-702-16
Sequence 15, Application US/08/778702
Patent No. 5763186
GENERAL INFORMATION:
APPLICANT: Lutke, Douglas N.
APPLICANT: Monahan, John E.
APPLICANT: Unger, John T.
TITLE OF INVENTION: Use of Antisense Oligomers in a
TITLE OF INVENTION: Process for Controlling Contamination in Nucleic Acid
TITLE OF INVENTION: Amplification Reactions
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: Ciba Corning Diagnostics Corp.
STREET: 63 No. 5763186th Street
CITY: Medfield
STATE: Massachusetts
COUNTRY: USA
ZIP: 02052
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette 3.5 inch, 1.44 Mb storage

COMPUTER: IBM PS/2
OPERATING SYSTEM: IBM-DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/778,702
FILING DATE: 03-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/157,364
FILING DATE: 23-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: MORGENSTERN, Arthur S.
REGISTRATION NUMBER: 28,244
REFERENCE/DOCKET NUMBER: CCD-141
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508 359-3836
TELEFAX: 508 359-3885
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 bases
TYPE: nucleic acid
STRANDEDNESS: Single
TOPOLOGY: Linear
MOLECULE TYPE:
DESCRIPTION: Called Clamp QB-7.
HYPOTHETICAL: No
ANTI-SENSE: Yes
POSITION IN GENOME:
UNITS: Base 63 to base 78 of the positive strand
UNITS: of the nanovariant sequence.
US-08-778-702-16

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 6.8e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 398 ACACACCTGCTCCAG 413
Db 1 ACACACCGGAUCUAG 16

RESULT 1107
US-08-232-620A-1560/C
Sequence 1560, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A

/ FILING DATE: August 17, 1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA: including application
/ PRIOR APPLICATION DATA: described below: two
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1560:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-292-620A-1560

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 310 ATGGGAAGACTGCAG 325
DB 16 AAGGTCAGACTGCAG 1

RESULT 1108
US-08-412-376-40/c
/ Sequence 40, Application US/08412376
/ Patent No. 5849900
/ GENERAL INFORMATION:
/ APPLICANT: Moelling, Karin
/ TITLE OF INVENTION: Inhibition Of Viruses By Antisense
/ TITLE OF INVENTION: Oligomers Capable Of Binding To Polypurine-Rich Tract Of Single
/ TITLE OF INVENTION: Stranded RNA Or RNA-DNA Hybrids
/ NUMBER OF SEQUENCES: 42
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz
/ ADDRESS: Mackiewicz & No. 5849900ris
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/412,376
/ FILING DATE: Herewith
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/954,184
/ FILING DATE: 29-SEP-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Doreen Yanko Trujillo
/ REGISTRATION NUMBER: 35,719
/ REFERENCE/DOCKET NUMBER: APOL-0021
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 40:
/ SEQUENCE CHARACTERISTICS:

/ LENGTH: 16
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-08-412-376-40

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 843 AGAACACAGCCCCCA 858
DB 16 AATACAAACCCCCCA 1

RESULT 1109
US-09-071-845-1560/c
/ Sequence 1560, Application US/09071845
/ Patent No. 6132967
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grimm
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwiggen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/071,845
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1560:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-071-845-1560

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 310 ATGGGAAGACTGCAG 325
DB 16 AAGTCAGACTGCAG 1

RESULT 1110
US-09-156-828B-11
; Sequence 11, Application US/09156828B
; Patent No. 6238917
; GENERAL INFORMATION:
; APPLICANT: Hendry, Philip
; APPLICANT: McCall, Maxine J.
; TITLE OF INVENTION: ASYMMETRIC HAMMERHEAD RIBOZYMES
; FILE REFERENCE: 50534Dpu
; CURRENT APPLICATION NUMBER: US/09/156,828B
; CURRENT FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: PCT/AU97/00210
; PRIOR FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 11
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ribozymes and Portions thereof
US-09-156-828B-11

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 56.2%; Pred. No. 6.8e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 521 ATTGGGAGTCACGC 536
DB 1 AUUUGGAGUCCACAC 16

RESULT 1111
US-09-364-539-10
; Sequence 10, Application US/09364539B
; Patent No. 6344321
; GENERAL INFORMATION:
; APPLICANT: Rabin, Ross
; APPLICANT: Lochrie, Michael
; APPLICANT: Janjic, Nebojsa
; APPLICANT: Gold, Larry
; TITLE OF INVENTION: Nucleic Acid Ligands Which Bind to Hepatocyte Growth
; TITLE OF INVENTION: Factor/Scatter Factor (HGF/SF) or its Receptor C-Met
; FILE REFERENCE: NEX83
; CURRENT APPLICATION NUMBER: US/09/364,539B
; CURRENT FILING DATE: 1999-07-29
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 10
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; NAME/KEY: modified base
; LOCATION: (1)..(16)
; OTHER INFORMATION: Purines and pyrimidines are 2'OMe; purines and
; OTHER INFORMATION: pyrimidines at positions 1-4 are DNA; purines and
; OTHER INFORMATION: pyrimidines at positions 5-16 are RNA.
US-09-364-539-10

Query Match 1.3%; Score 11.2; DB 1; Length 16;

Best Local Similarity 68.8%; Pred. No. 6.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 134 GTCTGCTTTGGGGCT 149
DB 1 GTCTGUGAGCGGCU 16

RESULT 1112
US-09-538-709-1243/C
; Sequence 1243, Application US/09538709
; Patent No. 6468749
; GENERAL INFORMATION:
; APPLICANT: Ulanovsky, et al
; TITLE OF INVENTION: SEQUENCE-DEPENDENT GENE SORTING TECHNIQUES
; FILE REFERENCE: 540579-2006
; CURRENT APPLICATION NUMBER: US/09/538,709
; CURRENT FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1311
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1243
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: helper oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: 'n' at position 4 can be any of the nucleotides a,c,g or t;
US-09-538-709-1243

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 827 TGCTGAAGCTGTGACC 842
DB 16 TGCTGAAGCTGTGACC 1

RESULT 1113
US-09-060-299-413/C
; Sequence 413, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 413:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-09-060-299-413

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 325 GAGAGCTGTGGGCA 340
DB 16 GCGAGGCTGTGGGCA 1

RESULT 1114
US-09-402-923A-413/C
Sequence 413, Application US/09402923A
Patent No. 655654
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshiniko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 655654e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 655654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
CURRENT APPLICATION DATA: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 413:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 413:
US-09-402-923A-413

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 325 GAGAGCTGTGGGCA 340
DB 16 GCGAGGCTGTGGGCA 1

RESULT 1115
US-09-371-772B-5659/C
Sequence 5659, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5659
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-5659

Query Match 1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 788 GCGCAAACTGCAGGAC 803
DB 16 GCGGCACAGCAGGAC 1

RESULT 1116
US-09-371-772B-5809
Sequence 5809, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26

```

; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 1425
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5809
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5809

```

```

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 68.8%; Pred. No. 6.8e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      774  GAGAGAAAGTGTGAGC 789
      ||| ||| ||| |||
Db      1    GAUGAGCAGUGUGAGC 16

```

```

RESULT 1117
US-09-371-772B-5974
/ Sequence 5974, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggan, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for
/ DETECTION OF LEVELS OF VASCULAR ENDO-
/ THELIAL NITRIC OXIDE
/ FILE REFERENCE: MEH900 876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: Patentn version 3.0
/ SEQ ID NO 5974
/ LENGTH: 16
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-5974

```

```

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      315 AAAGACTGCAGAGAAG 330
          ||||| |
Db       1 AAAGAAACGUCAGAGAAG 16

```

```

RESULT 1118
US-09-371-772B-6106
: Sequence 6106, Application US/09371772B
: Patent No. 6566127
: GENERAL INFORMATION:
: APPLICANT: Ribozyme Pharmaceuticals, Inc.
: APPLICANT: Pavco, Pam
: APPLICANT: McSwiggen, Jim
: APPLICANT: Stinchcomb, Dan
: APPLICANT: Escobedo, Jaime
: TITLE OF INVENTION: Method and Reagent for
: TITLE OF INVENTION: Levels of Vascular En
: FILE REFERENCE: MEH900.876-J (237/198)
: CURRENT APPLICATION NUMBER: US/09/371,772B
: CURRENT FILING DATE: 1999-08-10
: PRIOR APPLICATION NUMBER: US 60/005,974
: PRIOR FILING DATE: 1995-10-26
: PRIOR APPLICATION NUMBER: US 08/584,040

```

```

; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6106
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6106

```

	Query Match	1.3%;	Score 11.2;	DB 1;	Length 10;
	Best Local Similarity	43.8%;	Pred. No. 6.8e+02;		
	Matches	7;	Conservative	6;	Mismatches 3;
					Indels
QY	509	GGCCAGTTTGCCATT	524		
Db	1	GGCAGJUUUGCCUUU	16		

```

RESULT 1119
US-09-371-772B-7033/c
US-09-371-772B, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for
Detecting and Measuring Levels of Vascular
Endothelial Nitric Oxide Synthase
FILE REFERENCE: MSHB00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 7033
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-7033

```

Query Match	136	CTGCTTTGGGGGCTGC	151	
Best Local Similarity	81.2%			Score 11.2; DB 1; Length 16;
Matches	13;	Conservative	0;	Mismatches 3; Indels 0; Gaps 0;
QY	136	CTGCTTTGGGGGCTGC	151	
Db	16	CTGCTCAGTGGGCTGC	1	

```

RESULT 1120
US-09-829-855-28
; Sequence 28, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Surve
; FILE REFERENCE: ASHB1-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 28
; LENGTH: 16
; TYPE: DNA

```


ORGANISM: unknown
 FEATURE:
 OTHER INFORMATION: unidentified soil organism
 US-09-829-855-28

Query Match 1.3%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 81.2%; Pred. No. 6.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 CGGCCGTGGCTCAGCT 247
 Db 1 CGTCCGTGGCTCAGCT 16

RESULT 1121
 US-09-829-855-98
 ; Sequence 98, Application US/09829855
 ; Patent No. 6613520
 ; GENERAL INFORMATION:
 ; APPLICANT: Matthew, Ashby N.
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
 ; FILE REFERENCE: ASHBY-1
 ; CURRENT APPLICATION NUMBER: US/09/829,855
 ; CURRENT FILING DATE: 2001-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196063
 ; PRIOR FILING DATE: 2000-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196258
 ; PRIOR FILING DATE: 2000-04-11
 ; NUMBER OF SEQ ID NOS: 244
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 98
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: unknown
 ; FEATURE:
 ; OTHER INFORMATION: unidentified soil organism
 US-09-829-855-98

Query Match 1.3%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 81.2%; Pred. No. 6.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 CGGCCGTGGCTCAGCT 247
 Db 1 CGTCCGTGGCTCAGCT 16

RESULT 1122
 US-09-829-855-109
 ; Sequence 109, Application US/09829855
 ; Patent No. 6613520
 ; GENERAL INFORMATION:
 ; APPLICANT: Matthew, Ashby N.
 ; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
 ; FILE REFERENCE: ASHBY-1
 ; CURRENT APPLICATION NUMBER: US/09/829,855
 ; CURRENT FILING DATE: 2001-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196063
 ; PRIOR FILING DATE: 2000-04-10
 ; PRIOR APPLICATION NUMBER: US 60/196258
 ; PRIOR FILING DATE: 2000-04-11
 ; NUMBER OF SEQ ID NOS: 244
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 109
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: unknown
 ; FEATURE:
 ; OTHER INFORMATION: unidentified soil organism
 US-09-829-855-109

Query Match 1.3%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 81.2%; Pred. No. 6.8e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 232 CGGCCGTGGCTCAGCT 247
 Db 1 CTGCCGTGGCTAAGCT 16

RESULT 1123
 US-09-479-005A-110/c
 ; Sequence 110, Application US/09479005A
 ; Patent No. 6656731
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
 ; FILE REFERENCE: MHB00-884-C
 ; CURRENT APPLICATION NUMBER: US/09/479,005A
 ; CURRENT FILING DATE: 2000-01-07
 ; PRIOR APPLICATION NUMBER: US 09/444,209
 ; PRIOR FILING DATE: 1999-11-19
 ; PRIOR APPLICATION NUMBER: US 09/159,274
 ; PRIOR FILING DATE: 1998-09-22
 ; PRIOR APPLICATION NUMBER: US 60/059,473
 ; PRIOR FILING DATE: 1997-09-22
 ; NUMBER OF SEQ ID NOS: 1208
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 110
 ; LENGTH: 16
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-479-005A-110

Query Match 1.3%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 81.2%; Pred. No. 6.8e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 477 CTGGCATTCTCAGG 492
 Db 16 CTTTACATTCAGG 1

RESULT 1124
 US-09-479-005A-132
 ; Sequence 132, Application US/09479005A
 ; Patent No. 6656731
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
 ; FILE REFERENCE: MHB00-884-C
 ; CURRENT APPLICATION NUMBER: US/09/479,005A
 ; CURRENT FILING DATE: 2000-01-07
 ; PRIOR APPLICATION NUMBER: US 09/444,209
 ; PRIOR FILING DATE: 1999-11-19
 ; PRIOR APPLICATION NUMBER: US 09/159,274
 ; PRIOR FILING DATE: 1998-09-22
 ; PRIOR APPLICATION NUMBER: US 60/059,473
 ; PRIOR FILING DATE: 1997-09-22
 ; NUMBER OF SEQ ID NOS: 1208
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 132
 ; LENGTH: 16
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-479-005A-132

Query Match 1.3%; Score 11.2; DB 1; Length 16;
 Best Local Similarity 56.2%; Pred. No. 6.8e+02;
 Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 903 TATTTTAAGTGAAG 918
 Db 1 UAUAAUAAUGAAAG 16

```

RESULT 1125
US-09-479-005A-157/c
; Sequence 157, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 157
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-157

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 394 GCACACACCCCTGCT 409
DB 16 GCACACAGTCCATGCT 1

RESULT 1126
US-09-479-005A-158/c
; Sequence 158, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 158
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-158

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 392 GGGCACACACCCCTG 407
DB 16 GGGCACACAGTCCATG 1

RESULT 1127
US-09-479-005A-168
; Sequence 168, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 168
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-168

Query Match      1.3%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 6.8e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 270 ACCTTCAGAAAGTTGT 285
DB 16 ATCTTCAGATAGTTT 1

RESULT 1129
US-09-866-108A-2231
; Sequence 2231, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaotou G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

```

```

; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2231
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2231

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTTAATGGAG 504
DB 2 CAGGGTCTCAGTGAG 17

RESULT 1130
US-09-866-108A-2232/c
; Sequence 2232, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

; CURRENT APPLICATION NUMBER: PCT/US01/00668
; CURRENT FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2231
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2231

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 CTCACATGAGTCTCTG 890
DB 16 CTCACATGAGACCTG 1

RESULT 1131
US-08-373-124A-416/c
; Sequence 416, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 416:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

```

```
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-416

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

761 GATGGCAGAACTGGAG 776
16 GCTGGCAGAGATGGAG 1

RESULT 1132
US-08-435-628-416/c
Sequence 416, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
CITY: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 416:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-416

Query Match
1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-416

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

761 GATGGCAGAACTGGAG 776
16 GCTGGCAGAGATGGAG 1

RESULT 1133
US-07-621-670-10/c
Sequence 10, Application US/07621670
Patent No. 5254801
GENERAL INFORMATION:
APPLICANT: Dotson, Stanton B.
TITLE OF INVENTION: Heterologous Dominant Conditional Lethal
TITLE OF INVENTION: Genes and Use Thereof
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dennis R. Hoerner, Jr. Monsanto Co. B84F
STREET: 700 Chesterfield Village Parkway
CITY: St. Louis
STATE: Missouri
COUNTRY: USA
ZIP: 63198
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/621,670
FILING DATE: 19901203
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Hoerner Jr., Dennis R.
REGISTRATION NUMBER: 30,914
REFERENCE/DOCKET NUMBER: 38-21(10523)A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314)537-6099
TELEFAX: (314)537-6047
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
US-07-621-670-10

Query Match
1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

761 GATGGCAGAACTGGAG 776
14 AGCCARATRTCYTC 1

RESULT 1134
US-08-180-209B-13
Sequence 13, Application US/08180209B
Patent No. 5593877
GENERAL INFORMATION:
APPLICANT: King, Te-Piao
TITLE OF INVENTION: CLONING AND RECOMBINANT PRODUCTION OF
VESPID VENOM ENZYMES, SUCH AS PHOSPHOLIPASE AND
HYALURONIDASE, AND IMMUNOLOGICAL THERAPIES BASED
THEREON
NUMBER OF SEQUENCES: 62
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
```

STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/180,209B
FILING DATE: 11-JAN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/031,400
FILING DATE: 11-NAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-074 CIP
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-180-209B-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 CAGAAGCGCTCTGCG 379
DB 2 CATAAGCGCTCTGAC 17

RESULT 1135
US-08-216-276A-13
Sequence 13, Application US/08216276A
Patent No. 5593912
GENERAL INFORMATION:
APPLICANT: VAKHARIA, VIKRAM
TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES
TITLE OF INVENTION: ASSOCIATED WITH US 1BDV VARIANTS, VECTOR CARRYING DNA
TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID
TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,
ADDRESS: P.C.
STREET: 1755 S. Jefferson Davis Highway, Suite 400
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/216,276A
FILING DATE: 23-NAR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/083,784
FILING DATE: 28-JUN-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/519,202
FILING DATE: 04-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/227,311
FILING DATE: 02-AUG-1988
ATTORNEY/AGENT INFORMATION:
NAME: Kelber, Steven B.
REGISTRATION NUMBER: 30,073
REFERENCE/DOCKET NUMBER: 2747-054-27 CIP
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Infectious bursal disease virus
US-08-216-276A-13
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 491 GGATCTAATTGGAGAT 506
DB 2 GGATCCAATTGGGAT 17

RESULT 1136
US-08-385-745-13
Sequence 13, Application US/08385745
Patent No. 5612209
GENERAL INFORMATION:
APPLICANT: King, Te Piao
TITLE OF INVENTION: Cloning and Recombinant Production of
TITLE OF INVENTION: Vespid Venom Phospholipases, and Immunological Therapies
TITLE OF INVENTION: Based Thereon
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/385,745
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/031,400
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 3288-020
TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-385-745-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 CAGAGACGCTCTGC 379
|||
Db 2 CATAAGACCTCTGAC 17

RESULT 1137
US-08-390-850-590/c
; Sequence 590, Application US/08390850
; Patent No. 5612215

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 590:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-590

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCCTGGGTCCGAC 216
|||
Db 17 TTCCTGGGTACCAGC 2

RESULT 1138

US-08-390-850-613/c
; Sequence 613, Application US/08390850
; Patent No. 5612215

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 613:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-613

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 307 TGCATGGGAAGACTG 322
|||
Db 17 TGTCTGGGAAGCCTG 2

RESULT 1139

US-08-390-850-614/c
; Sequence 614, Application US/08390850
; Patent No. 5612215

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.

APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
CURRENT APPLICATION DATA:
FILING DATE: May 14, 1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/882,838E
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Kathryn Leary
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: DFCI-0001
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-882-838E-12

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 307 TGCATGGGAAGACTG 322
DB 16 TGCTGGGAAGCCTG 1

RESULT 1140
US-07-882-838E-12/c
Sequence 12, Application US/07/882838E
Patent No. 5616461
GENERAL INFORMATION:
APPLICANT: Priscilla A. Schaffer
APPLICANT: Christine E. Dabrowski Anaral
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF VIRUS INFECTIONS
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn
STREET: One Liberty Place
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
CURRENT APPLICATION DATA:
FILING DATE: May 14, 1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/882,838E
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Kathryn Leary
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: DFCI-0001
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-614

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
CURRENT APPLICATION DATA:
FILING DATE: May 14, 1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/882,838E
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Kathryn Leary
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: DFCI-0001
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-07-882-838E-12

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 776 GAAGAAGTGAGCGC 791
DB 17 GACGAAGTGCGAAGC 2

RESULT 1141
US-08-373-124A-408
Sequence 408, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 502 or 55SX
OPERATING SYSTEM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
FILING DATE: January 13, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Kathryn Leary
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: DFCI-0001
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-408

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 776 GAAGAAGTGAGCGC 791
DB 17 GACGAAGTGCGAAGC 2

RESULT 1141
US-08-373-124A-408
Sequence 408, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 408:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-408

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 886 TCCTGCATGTGAGAC 901
DB 2 UCCUGUUGGAGAC 17

RESULT 1142

US-08-373-124A-412/C
Sequence 412, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 412:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-412

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 323 CAGAGAAGCTGTGGAG 338
DB 17 CAGAGATGGAGTGGAG 2

RESULT 1143

US-08-373-124A-532
Sequence 532, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 532:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-532

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 7.5e+02;
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 463 AAGAGCTCAGAGACT 478
 |||||:|||||:
 Db 2 AAGCUCUCAGAGACU 17
 |||||:|||||:

RESULT 1144
 US-08-373-124A-1022
 ; Sequence 1022, Application US/08373124A
 ; Patent No. 5646042
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/373,124A
 ; FILING DATE: January 13, 1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1022:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-373-124A-1022

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 AGCAACTTGTGTCAG 352
 |||||:|||||:
 Db 2 AGAAACUUGUGUAG 17
 |||||:|||||:

RESULT 1145
 US-08-373-124A-1156
 ; Sequence 1156, Application US/08373124A
 ; Patent No. 5646042
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/373,124A
 ; FILING DATE: January 13, 1995
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1156:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-373-124A-1156

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 25.0%; Pred. No. 7.5e+02;
 Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 935 GTTTTGTATTGAGT 950
 |||||:|||||:
 Db 1 GUUUUUUUUGAGUGU 16
 |||||:|||||:

RESULT 1146
 US-08-373-124A-1168
 ; Sequence 1168, Application US/08373124A
 ; Patent No. 5646042
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 TREATMENT OF RESTENOSIS AND
 CANCER USING RIBOZYMES
 NUMBER OF SEQUENCES: 2627
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1168:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-1168

Query Match

Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;

Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 515 TTGGCATTGGAGT 530

Db 1 UUUUAAUUUGGAGU 16

RESULT 1147

US-08-373-124A-1235/c

Sequence 1235, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwigen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TREATMENT OF RESTENOSIS AND

CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1235:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-1235

Query Match

Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 816 GGTACTGTGGTCTG 831

Db 16 GCTACTGTAGATGCTG 1

RESULT 1148

US-08-373-124A-1445

Sequence 1445, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwigen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TREATMENT OF RESTENOSIS AND

CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1445:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1445

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Cy 886 TCTGTCATGTGAGAAC 901
Db 2 UCCUGUUGGAGAAC 17

RESULT 1150
US-08-373-124A-2421
Sequence 2421, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:

SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1445:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1445

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Cy 873 AACTCCATGTGAGTCC 888
Db 1 ACCUCAUUGGAGACC 16

RESULT 1149
US-08-373-124A-1459
Sequence 1459, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2421:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-1243-2421

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 463 AAGAGTCCAGGACT 478
DB 2 AAGCUCCAGAACU 17

RESULT 1151

US-08-435-634-590/c
Sequence 590, Application US/08435634
Patent No. 5731295

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295, September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 590:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
US-08-435-634-590

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 TTCCTGGGTTCCAGC 216
DB 17 TTCCTGGGTACCAGC 2

RESULT 1152

US-08-435-634-613/c
Sequence 613, Application US/08435634
Patent No. 5731295

GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295, September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 613:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-613

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 307 TGCATGGGAAGACTG 322

```

Db      17 TGTCTGGGAAGCCTG 2
      || ||||| |||||
RESULT 1153
US-08-435-634-614/c
; Sequence 614, Application US/08435634
; Patent No. 5731295
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James A.
; APPLICANT: Gustafson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; OF ARTHRIIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,634
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/390,850
; FILING DATE: February 17, 1995
; APPLICATION NUMBER: 08/354,820
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5731295ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 614:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-634-614
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      307 TGCATGGGAAGACTG 322
      || ||||| |||||
Db      16 TGTCTGGGAAGCCTG 1
      || ||||| |||||
RESULT 1154
US-08-758-306-599/c
; Sequence 599, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 599:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-599
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      259 TAGACAGGAGCCTT 274
      || ||||| |||||
Db      16 TGGACATGAGGACCTT 1
      || ||||| |||||
RESULT 1155
US-08-758-306-1101/c
; Sequence 1101, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 599:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-599
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-1101

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 678 ACAGATGGATCTGCAC 693
Db 16 AGAGATGGATCTGCTC 1

RESULT 1156
US-08-758-306-1303/c
; Sequence 1303, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:

```

```

; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1303:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-1303

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 925 GGACTTTCAGGTTTG 940
Db 16 GGACTTTCAGGTTTG 1

RESULT 1157
US-08-435-628-408
; Sequence 408, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035

```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 408:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-408

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e-02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 886 TCCTGATGTGAGAAC 901
Db 2 UCCUGUUGGAGAAC 17

RESULT 1158
US-08-435-628-412/c
Sequence 412, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 412:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-408

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-412

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.3%; Pred. No. 7.5e-02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 323 CAGAGAGCTGTGGAG 338
Db 17 CAGAGATGGAGTGGAG 2

RESULT 1159
US-08-435-628-532
Sequence 532, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 532:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-532

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 532:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-532

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 68.8%; Pred. No. 7.5e+02;
 Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 463 AAGAGCTCCAGGAACT 478
 Db 2 AAGCUCUCCAGAACT 17

RESULT 1160
 US-08-435-628-1022
 ; Sequence 1022, Application US/08435628
 ; Patent No. 5817796
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/435,628
 ; FILING DATE: 05-MAY-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/373,124
 ; FILING DATE: January 13, 1995
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1022:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

US-08-435-628-1022
 Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 AGCAACTTGTCGACG 352
 Db 2 AAGCUCUCCAGAACT 17

Db 2 AGAAACUUGGUGUAG 17

RESULT 1161
 US-08-435-628-1156
 ; Sequence 1156, Application US/08435628
 ; Patent No. 5817796
 ; GENERAL INFORMATION:
 ; APPLICANT: Stinchcomb, Dan T.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Jarvis, Thale
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES
 ; NUMBER OF SEQUENCES: 2627
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/435,628
 ; FILING DATE: 05-MAY-1995
 ; CLASSIFICATION: 514
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/373,124
 ; FILING DATE: January 13, 1995
 ; APPLICATION NUMBER: 08/245,466
 ; FILING DATE: May 18, 1994
 ; APPLICATION NUMBER: 08/192,943
 ; FILING DATE: February 7, 1994
 ; APPLICATION NUMBER: 07/987,132
 ; FILING DATE: December 7, 1992
 ; APPLICATION NUMBER: 07/936,422
 ; FILING DATE: August 26, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1156:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear

US-08-435-628-1156
 Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 25.0%; Pred. No. 7.5e+02;
 Matches 4; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 935 GTTTGTTTATGAGT 950
 Db 1 GUUUGUUGUUGUGU 16

RESULT 1162
 US-08-435-628-1168
 ; Sequence 1168, Application US/08435628


```

; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-1168
;
; Query Match 1.3%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 37.5%; Pred No. 7.5e+02;
; Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Qy 515 TTGGCAATTGGAGT 530
Db 1 UUUUAAUUUGGAGU 16

RESULT 1163
US-08-435-628-1235/c
; Sequence 1235, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale

```

```

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1235:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-1235
;
; Query Match 1.3%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred No. 7.5e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 816 GGTACTGTGGTGCTG 831
Db 16 GCTACTGTAGATGCTG 1

RESULT 1164
US-08-435-628-1445
; Sequence 1445, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

```



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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2421:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-2421

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 463 AGAGCTCCAGGACT 478
Db 2 AAGCUCUCCAGAACU 17

RESULT 1167
US-08-541-950B-17
; Sequence 17, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9
; OTHER INFORMATION: N is 2'-deoxythymidine
; US-08-541-950B-18

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 713 AGCCAAATTCAGGAGC 729
Db 1 AGCCAGANUUGAGCAGC 17

RESULT 1168
US-08-541-950B-18
; Sequence 18, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9
; OTHER INFORMATION: N is 2'-deoxythymidine
; US-08-541-950B-18

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 713 AGCCAAATTCAGGAGC 729
Db 1 AGCCAGANUUGAGCAGC 17
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RESULT 1169
US-08-541-950B-19
; Sequence 19, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: synthetic RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: N is 2'-deoxythymidine
US-08-541-950B-19

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
Db 1 AGCCAGAUUGAGCAGC 17

RESULT 1171
US-08-541-950B-21
; Sequence 21, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,950B
; FILING DATE: 10/10/95
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/960,370
; FILING DATE: 03/19/93
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 345-9100
; TELEFAX: (617) 345-9111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; COMPUTER: IBM PC compatible
US-08-541-950B-19

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
Db 1 AGCCAGAUUGAGCAGC 17

RESULT 1170
US-08-541-950B-20
; Sequence 20, Application US/08541950B
; Patent No. 5821046
; GENERAL INFORMATION:
; APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
US-08-541-950B-20

```

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic RNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9
OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
US-08-541-950B-21

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
Db 1 AGCCAGAUNUGAGCAGC 17

RESULT 1172
US-08-541-950B-22
Sequence 22, Application US/08541950B
Patent No. 5821046
GENERAL INFORMATION:
APPLICANT: Karm J, Gait MJ, Heaphy S, Dingwall C
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center, 45th Floor
CITY: Boston
STATE: MA
ZIP: 02111

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/541,950B
FILING DATE: 10/10/95
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/960,370
FILING DATE: 03/19/93
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-OL11AX)
TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic RNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
US-08-541-950B-22

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
Db 1 AGCCAGAUNUGAGCAGC 17

RESULT 1173

US-08-292-620A-1651
Sequence 1651, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1651:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1651

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 7.5e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTGTTTATGATCA 952
Db 2 UUCUUCACGAGUCA 17

RESULT 1174
US-08-292-620A-1854
Sequence 1854, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994

CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1854:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1854

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 7.5e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTTTATGAGTCA 952
Db 2 UUCUUCACGAGUCA 17

RESULT 1175
US-08-292-620A-1896
Sequence 1896, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994

CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1896:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1896

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 7.5e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGTTTATGAGTCA 952
Db 2 UUCUUCACGAGUCA 17

RESULT 1176
US-08-292-620A-1995
Sequence 1995, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1995:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1995

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 7.5e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTTGTTTATGATCA 952
Db 2 UUCUUCACGAGUCA 17

RESULT 1177
US-08-404-531B-14
Sequence 14, Application US/08404531B
Patent No. 5863724
GENERAL INFORMATION:
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
APPLICANT: Thomas, Gilbert Cole, and Robert Gagel
TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
Patent No. 5863724
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSEE: No. 5863724ris
STREET: One Liberty Place 46th. Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/404,531B
FILING DATE: 15-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.

REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: BYLR-0003
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-404-531B-14

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 347 TGCCAGCGCAACTG 362
Db 1 TGACATGCCCAACTG 16

RESULT 1178
US-08-429-054A-34
Sequence 34, Application US/08429054A
Patent No. 5917126
GENERAL INFORMATION:
APPLICANT: VAN ASSCHE, CHARLES; LANDO, DANIELLE; BRUNEAU,
APPLICANT: JEAN, VOELKER, TONI; GERVAIS, MONICA
TITLE OF INVENTION: SUCROSE PHOSPHATE SYNTHETASE (SPS)
TITLE OF INVENTION: A PREPARATION METHOD AND CDNA THEREFOR, AND USE OF THE
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESSES:
ADDRESSEE: BIERMAN AND MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/429,054A
FILING DATE: 26-APR-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 842,337
FILING DATE: 20-March-1992
APPLICATION NUMBER: PCT/FR 91/00593
FILING DATE: 18-July-1991
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: French 90402094.9
FILING DATE: 20-July-1990
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Charles A. Muserlian
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 146.1137
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 661-8000
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: Nucleic acid

STRANDEDNESS: Unknown
 TOPOLOGY: Unknown
 MOLECULE TYPE: CDNA
 US-08-429-054A-34

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 290 ACTGTAGTCGGGCC 305
 ||| ||||| |||
 Db 2 ACGTGTAGTCGGTGC 17

RESULT 1179

US-08-856-141-13
 ; Sequence 13, Application US/08856141
 ; Patent No. 5948616

GENERAL INFORMATION:

APPLICANT: CHAO, LEE
 TITLE OF INVENTION: METHODS AND COMPOSITIONS OF
 CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH
 ESSENTIAL HYPERTENSION
 TITLE OF INVENTION: CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH
 ESSENTIAL HYPERTENSION
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NEEDLE & ROSENBERG, P.C.
 STREET: Suite 1200, 127 Peachtree Street, NE
 CITY: Atlanta
 STATE: GA
 COUNTRY: USA
 ZIP: 30303

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/856,141
 FILING DATE: 14-MAY-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:

FILING APPLICATION NUMBER:

FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Miller, Mary L
 REGISTRATION NUMBER: 39,303
 REFERENCE/DOCKET NUMBER: 19070.0045
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 404/688-0770
 TELEFAX: 404/688-9880
 TELEX:

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-856-141-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 763 TGCAGAACTGGAGAA 778
 ||| ||||| |||
 Db 1 TGCAGAACTGGGAA 16

RESULT 1180

US-08-476-900A-14
 ; Sequence 14, Application US/08476900A
 ; Patent No. 6031150

GENERAL INFORMATION:
 APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson
 TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
 Patent No. 6031150
 TITLE OF INVENTION: and Method of Detecting Persistent Hyperinsulinemic Hypoglycemia
 NUMBER OF SEQUENCES: 49
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
 ADDRESS: No. 6031150
 STREET: One Liberty Place 46th. Floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/476,900A
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Beardell, Lori Y.
 REGISTRATION NUMBER: 34,293
 REFERENCE/DOCKET NUMBER: BYLR-0027
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 215-568-3100
 TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: nucleic acid
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 US-08-476-900A-14

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 347 TGCAGCGCCAACTG 362
 ||| ||||| |||
 Db 1 TGACATGCCCAACTG 16

RESULT 1181

US-08-488-546A-14
 ; Sequence 14, Application US/08488546A
 ; Patent No. 6054313

GENERAL INFORMATION:

APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela
 Thomas, Gilbert Cole, and Robert Gagel
 TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor
 Patent No. 6054313

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
 ADDRESS: No. 6054313
 STREET: One Liberty Place 46th. Floor
 CITY: Philadelphia
 STATE: PA
 COUNTRY: USA
 ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS


```

; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/488,546A
; APPLICATION NUMBER: US/08/488,546A
; FILING DATE: 07-JUNE-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/404,531
; FILING DATE: 15-MARCH-1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; REFERENCE/DOCKET NUMBER: BYLR-0026
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-488-546A-14

```

```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 347 TGCCAGCGCCAACTG 362
DB 1 TGACATGCCAACTG 16

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RESULT 1182
US-08-985-162-144/c
; Sequence 144, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-150

```

Query Match

1.3%; Score 11.2; DB 1; Length 17;

```

; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-144

```

```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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QY 677 CACGATGGATCTGCA 692
DB 17 CACTGATGGAGGTGCA 2

```

```

RESULT 1183
US-08-985-162-150
; Sequence 150, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-150

```

Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

OY 517 TGGCATTGGGAGTCA 532
Db 2 UGGCAUUUAGGGUGA 17

RESULT 1184
US-08-985-162-151
; Sequence 151, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
OY 517 TGGCATTGGGAGTCA 532
Db 1 UGGCAUUUAGGGUGA 16
RESULT 1185
US-08-985-162-294
; Sequence 294, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

OY 517 TGGCATTGGGAGTCA 532
Db 1 UGGCAUUUAGGGUGA 16

RESULT 1186
US-08-985-162-304
; Sequence 304, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 294:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-294

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
OY 415 AGGCTCTCCGGTGCC 430
Db 1 AUGCCCUUGCGUGCC 16

RESULT 1186
US-08-985-162-304
; Sequence 304, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 294:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-294

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
OY 415 AGGCTCTCCGGTGCC 430
Db 1 AUGCCCUUGCGUGCC 16

RESULT 1186
US-08-985-162-304
; Sequence 304, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 304:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-304

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTAATTGGAG 504
DB 1 CAUGAACUACUGGAG 16

RESULT 1187
US-08-985-162-644/c
Sequence 644, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 644:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-644

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGAGCT 332
DB 17 AGATTTCAGAGCAGCT 2

RESULT 1188
US-08-985-162-734/c
Sequence 734, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 734:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-985-162-734

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 GAGAACGCTATTTAAG 911
| | | | | | | | | | | | | | | | |
Db 16 GAGAAATTATTTAGG 1

RESULT 1189

US-08-945-654-4
; Sequence 4, Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; TITLE OF INVENTION: THEREOF.
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA: US/08/945,654
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9504922
; FILING DATE: 25-APR-1995
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
US-08-945-654-4

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 399 CACACCTGCTCCAGC 414
| | | | | | | | | | | | | | | | |
Db 1 CCCATCCTGCTCCACC 16

RESULT 1190

US-08-998-099-56
; Sequence 56, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 56

; SEQ ID NO 56
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-56

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 523 TTGGAGTCACGCC 538
| | | | | | | | | | | | | | | | |
Db 1 UUCGAGUCCCGCCC 16

RESULT 1191

US-08-998-099-65
; Sequence 65, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-65

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 213 CAGCCCTCTCCAGAG 228
| | | | | | | | | | | | | | | | |
Db 2 CAGUUAUCCAGAG 17

RESULT 1192

US-08-998-099-77/C
; Sequence 77, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 77

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-77

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAG 473
DB 17 CCAGGATGAAGTCTAG 2

RESULT 1193
US-08-998-099-78/c
; Sequence 78, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 78
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-78

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 458 CCAGGAAGAGCTCCAG 473
DB 16 CCAGGATGAAGTCTAG 1

RESULT 1194
US-08-998-099-79/c
; Sequence 79, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 17
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; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-79

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTTCAGGAAGAGCTC 470
DB 16 CTGCAGGATGAAGTCTC 1

RESULT 1195
US-08-998-099-95/c
; Sequence 95, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 95
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-08-998-099-95

Query Match
Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 749 GGTCCTTAAGGAGATG 764
DB 16 GGTCAATGAGGAGAGG 1

RESULT 1196
US-083-756A-17
; Sequence 17, Application US/09083756A
; Patent No. 6114109
; GENERAL INFORMATION:
; APPLICANT: KARN J, GAIT MJ, HEAPHY S, DINGWALL C
; TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center, 45th Floor
; CITY: Boston
; STATE: MA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/083,756A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/541,950
```

FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic RNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 8
OTHER INFORMATION: N is 2'-deoxythymidine
US-09-083-756A-17

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
DB 1 AGCCAGAUUGAGCAGC 17

RESULT 1197
US-09-083-756A-18
Sequence 18, Application US/09083756A
Patent No. 6114109
GENERAL INFORMATION:
APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center, 45th Floor
CITY: Boston
STATE: MA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/083,756A
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/541,950
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic RNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 9
OTHER INFORMATION: N is 2'-deoxythymidine

US-09-083-756A-18

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
DB 1 AGCCAGAUUGAGCAGC 17

RESULT 1198
US-09-083-756A-19
Sequence 19, Application US/09083756A
Patent No. 6114109
GENERAL INFORMATION:
APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: One Financial Center, 45th Floor
CITY: Boston
STATE: MA
ZIP: 02111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/083,756A
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/541,950
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
TELEPHONE: (617) 345-9100
TELEFAX: (617) 345-9111
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: synthetic RNA
FEATURE:
NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: N is 2'-deoxythymidine
US-09-083-756A-19

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
DB 1 AGCCAGAUUGAGCAGC 17

RESULT 1199
US-09-083-756A-20
Sequence 20, Application US/09083756A
Patent No. 6114109
GENERAL INFORMATION:
APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
NUMBER OF SEQUENCES: 26

```
/
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center, 45th Floor
/ CITY: Boston
/ STATE: MA
/ ZIP: 02111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 6.1
/ CURRENT APPLICATION DATA:
/ FILING DATE:
/ APPLICATION NUMBER: US/09/083,756A
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/541,950
/ FILING DATE:
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen M.
/
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 345-9100
/ TELEFAX: (617) 345-9111
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: synthetic RNA
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 8
/ OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
/
/ US-09-083-756A-20
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 64.7%; Pred. No. 7.5e+02;
/ Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
/
/
/ QY 713 AGCCAAATTCAGGAGC 729
/ Db 1 AGCCAGANUGAGCAGC 17
/
/ RESULT 1200
/ US-09-083-756A-21
/ Sequence 21, Application US/09083756A
/ Patent No. 6114109
/ GENERAL INFORMATION:
/ APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
/ TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center, 45th Floor
/ CITY: Boston
/ STATE: MA
/ ZIP: 02111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 6.1
/ CURRENT APPLICATION DATA:
/ FILING DATE:
/ APPLICATION NUMBER: US/09/083,756A
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/541,950
/ FILING DATE:
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen M.
/
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 345-9100
/ TELEFAX: (617) 345-9111
/ INFORMATION FOR SEQ ID NO: 21:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: synthetic RNA
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 10
/ OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
/
/ US-09-083-756A-22
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 64.7%; Pred. No. 7.5e+02;
/ Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
/
/
/ QY 713 AGCCAAATTCAGGAGC 729
/ Db 1 AGCCAGANUGAGCAGC 17
/
/ RESULT 1200
/ US-09-083-756A-21
/ Sequence 21, Application US/09083756A
/ Patent No. 6114109
/ GENERAL INFORMATION:
/ APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
/ TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center, 45th Floor
/ CITY: Boston
/ STATE: MA
/ ZIP: 02111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 6.1
/ CURRENT APPLICATION DATA:
/ FILING DATE:
/ APPLICATION NUMBER: US/09/083,756A
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/541,950
/ FILING DATE:
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen M.
```

```
/
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 345-9100
/ TELEFAX: (617) 345-9111
/ INFORMATION FOR SEQ ID NO: 21:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: synthetic RNA
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 9
/ OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
/
/ US-09-083-756A-21
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 64.7%; Pred. No. 7.5e+02;
/ Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;
/
/
/ QY 713 AGCCAAATTCAGGAGC 729
/ Db 1 AGCCAGANUGAGCAGC 17
/
/ RESULT 1201
/ US-09-083-756A-22
/ Sequence 22, Application US/09083756A
/ Patent No. 6114109
/ GENERAL INFORMATION:
/ APPLICANT: Karn J, Gait MJ, Heaphy S, Dingwall C
/ TITLE OF INVENTION: VIRAL (HIV) GROWTH INHIBITION
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center, 45th Floor
/ CITY: Boston
/ STATE: MA
/ ZIP: 02111
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WordPerfect 6.1
/ CURRENT APPLICATION DATA:
/ FILING DATE:
/ APPLICATION NUMBER: US/09/083,756A
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/541,950
/ FILING DATE:
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen M.
/
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3777/57347 (MRC-O11AX)
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 345-9100
/ TELEFAX: (617) 345-9111
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: synthetic RNA
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 10
/ OTHER INFORMATION: N is 5-bromo-2'-deoxyuridine
/
/ US-09-083-756A-22
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
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Best Local Similarity 64.7%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 713 AGCCAAATTCAGGAGC 729
Db 1 AGCCAGAUNGAGCAGC 17

RESULT 1202

US-09-071-845-1651
; Sequence 1851, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1651:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-071-845-1651

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 37.5%; Pred. No. 7.5e+02;

Matches 6; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGCTTTTATGAGTCA 952

Db 2 UUUCUUUCAGAGUCA 17

RESULT 1203

US-09-071-845-1854

; Sequence 1854, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1854:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-071-845-1854

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 37.5%; Pred. No. 7.5e+02;

Matches 6; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTGCTTTTATGAGTCA 952

Db 2 UUUCUUUCAGAGUCA 17

RESULT 1204

US-09-071-845-1896

; Sequence 1896, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm


```

;
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1896:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1896

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 7.5e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTTGTTTATGATCA 952
Db 2 UUUCUUCACGAGUCA 17

RESULT 1206
US-08-834-497A-49
; Sequence 49, Application US/08834497A
; Patent No. 6140305
; GENERAL INFORMATION:
; APPLICANT: Thomas, Winston J.
; APPLICANT: Drayna, Dennis T.
; APPLICANT: Feder, John N.
; APPLICANT: Gnirke, Andreas
; APPLICANT: Ruddy, David
; APPLICANT: Tsuchihashi, Zenta
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: HEREDITARY HEMOCHROMATOSIS GENE PRODUCTS
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA

;
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1896:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1896

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 37.5%; Pred. No. 7.5e+02;
Matches 6; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 937 TTTGTTTATGATCA 952
Db 2 UUUCUUCACGAGUCA 17

RESULT 1205
US-09-071-845-1995
; Sequence 1995, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF

```

ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FASTSO for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/834,497A
FILING DATE: 04-APR-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/652,265
FILING DATE: 23-MAY-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/632,673
FILING DATE: 16-APR-1996
CLASSIFICATION: 514
APPLICATION DATA:
US 08/630,912
FILING DATE: 04-APR-1996
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Poissant, Brian M.
REGISTRATION NUMBER: 728,462
REFERENCE/DOCKET NUMBER: 8907-0056-999
TELEPHONE: 650-493-4935
TELEFAX: 650-493-5556
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-834-497A-49

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 823 TGGTGCTGAAGCTGG 838
DB 1 TGGTGCTCCACTGG 16

RESULT 1207
US-08-937-063-17
Sequence 17, Application US/08937063
Patent No. 6187534
GENERAL INFORMATION:
APPLICANT: STROM, TERRY B.
APPLICANT: VASCONCELLOS, LAURO
APPLICANT: SUTHANTHIRAN, MANIKKAM
TITLE OF INVENTION: METHODS OF EVALUATING TRANSPLANT
TITLE OF INVENTION: REJECTION
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: HAMILTON, BROOK, SMITH & REYNOLDS
STREET: TWO MILITIA DRIVE
CITY: LEXINGTON
STATE: MASSACHUSETTS
COUNTRY: UNITED STATES
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/937,063

FILING DATE: 24-SEP-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: GRANAHAN, PATRICIA
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BIDMC97-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-937-063-17

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 172 CCGCTGACAGTCACAG 187
DB 1 CCGCTCAGCTCAG 16

RESULT 1208

US-09-156-828B-10
Sequence 10, Application US/09156828B
Patent No. 6238917
GENERAL INFORMATION:
APPLICANT: Hendry, Philip
APPLICANT: McCall, Maxine J.
TITLE OF INVENTION: ASYMMETRIC HAMMERHEAD RIBOZYMES
FILE REFERENCE: 50534bp
CURRENT APPLICATION NUMBER: US/09/156,828B
CURRENT FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: PCT/AU97/00210
PRIOR FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Description of Artificial Sequence: Ribozymes and Portions thereof
US-09-156-828B-10

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.5e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 521 ATTGGAGTCAACGC 536
DB 1 AUUUGGAGUCCACAC 16

RESULT 1209

US-08-485-388-13
Sequence 13, Application US/08485388
Patent No. 6270763
GENERAL INFORMATION:
APPLICANT: King, Te piao
TITLE OF INVENTION: Cloning and Recombinant Production of
TITLE OF INVENTION: Vespid Venom Phospholipases, and Immunological Therapies
TITLE OF INVENTION: Based Thereon
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey

```

; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/485,388
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/385,745
; FILING DATE: 08-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,400
; FILING DATE: 11-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-074 FWCA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-485-388-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 364 CAGAAGAGCGTCTGGC 379
Db 2 CATAAGAGCGCTCTGAC 17

RESULT 1210
US-08-474-853-13
; Sequence 13, Application US/08474853
; Patent No. 6287559
; GENERAL INFORMATION:
; APPLICANT: King, Te-Piao
; TITLE OF INVENTION: CLONING AND RECOMBINANT PRODUCTION OF
; TITLE OF INVENTION: VESPID VENOM ENZYMES, SUCH AS PHOSPHOLIPASE AND
; TITLE OF INVENTION: HYALURONIDASE, AND IMMUNOLOGICAL THERAPIES BASED THEREON
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/474,853
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/180,209

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```

; FILING DATE: 11-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/031,400
; FILING DATE: 11-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-074 CIPB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-474-853-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 364 CAGAAGAGCGTCTGGC 379
Db 2 CATAAGAGCGCTCTGAC 17

RESULT 1211
US-09-017-974-79
; Sequence 79, Application US/09017974
; Patent No. 6288042
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Wallace, Thomas L.
; APPLICANT: Cossum, Paul A.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Tetrad Forming Oligonucleotides
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1800
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/017,974
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/037,374
; FILING DATE: 04-FEB-97
; APPLICATION NUMBER:
; FILING DATE: 09-DEC-97
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06223
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:

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; LENGTH: 17 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 US-09-017-974-79

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGACGTG 614
 |||||
 Db 1 GTGGCGGTGGGTGGG 16

RESULT 1212

US-09-017-974-81
 ; Sequence 81, Application US/09017974
 ; Patent No. 6288042

; GENERAL INFORMATION:

; APPLICANT: Rando, Robert F.
 ; APPLICANT: Ojwang, Joshua O.
 ; APPLICANT: Hogan, Michael E.
 ; APPLICANT: Wallace, Thomas L.
 ; APPLICANT: Cossun, Paul A.

; TITLE OF INVENTION: Anti-Viral Guanosine-Rich

; TITLE OF INVENTION: Tetrad Forming Oligonucleotides

; NUMBER OF SEQUENCES: 88

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Conley, Rose & Tayon, P.C.
 ; STREET: 600 Travis, Suite 1800

; CITY: Houston

; STATE: Texas

; COUNTRY: U.S.A.

; ZIP: 77002-2912

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: MS Word 97 (saved as .txt file)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/017,974

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/037,374

; FILING DATE: 04-FEB-97

; APPLICATION NUMBER:

; FILING DATE: 09-DEC-97

; ATTORNEY/AGENT INFORMATION:

; NAME: McDaniel, C. Steven

; REGISTRATION NUMBER: 33,962

; REFERENCE/DOCKET NUMBER: 1472-06223

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 713/238-8010

; TELEFAX: 713/238-8008

; INFORMATION FOR SEQ ID NO: 81:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-09-017-974-81

Query Match

Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGACGTG 614
 |||||
 Db 1 GTGGCGGTGGGTGGG 16

RESULT 1213

US-09-017-974-82

; Sequence 82, Application US/09017974

; Patent No. 6288042

; GENERAL INFORMATION:

; APPLICANT: Rando, Robert F.

; APPLICANT: Ojwang, Joshua O.

; APPLICANT: Hogan, Michael E.

; APPLICANT: Wallace, Thomas L.

; APPLICANT: Cossun, Paul A.

; TITLE OF INVENTION: Anti-Viral Guanosine-Rich

; TITLE OF INVENTION: Tetrad Forming Oligonucleotides

; NUMBER OF SEQUENCES: 88

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Conley, Rose & Tayon, P.C.

; STREET: 600 Travis, Suite 1800

; CITY: Houston

; STATE: Texas

; COUNTRY: U.S.A.

; ZIP: 77002-2912

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: MS Word 97 (saved as .txt file)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/017,974

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/037,374

; FILING DATE: 04-FEB-97

; APPLICATION NUMBER:

; FILING DATE: 09-DEC-97

; ATTORNEY/AGENT INFORMATION:

; NAME: McDaniel, C. Steven

; REGISTRATION NUMBER: 33,962

; REFERENCE/DOCKET NUMBER: 1472-06223

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 713/238-8010

; TELEFAX: 713/238-8008

; INFORMATION FOR SEQ ID NO: 82:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-09-017-974-82

Query Match

Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGACGTG 614
 |||||
 Db 1 GTGGCGGTGGGTGGG 16

RESULT 1214

US-08-682-255A-79

; Sequence 79, Application US/08682255A

; Patent No. 6323185

; GENERAL INFORMATION:

; APPLICANT: Rando, Robert F.

; APPLICANT: Fennwald, Susan

; APPLICANT: Zendequi, Joseph G.

; APPLICANT: Ojwang, Joshua O.

; APPLICANT: Hogan, Michael E.

; APPLICANT: Pommier, Eyves

; APPLICANT: Mazumder, Abhijit

```

;
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 23-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcdaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-682-255A-79
;
; Query Match 1.3%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred. No. 7.5e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 599 GTGGCGGTGGACGTG 614
Db 1 GTGGCGGTGGACGTG 16

RESULT 1215
US-08-682-255A-81
; Sequence 81, Application US/08682255A
; Patent No. 6323185
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas

```

```

;
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 23-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcdaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 81:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-682-255A-81
;
; Query Match 1.3%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred. No. 7.5e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 599 GTGGCGGTGGACGTG 614
Db 1 GTGGCGGTGGACGTG 16

RESULT 1216
US-08-682-255A-82
; Sequence 82, Application US/08682255A
; Patent No. 6323185
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas

```

```

; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 23-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
; FILING DATE: 23-APRIL-96
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06214
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-682-255A-82

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```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 599 GTGGCGGGTGGACGTG 614
Db 1 GTGGCGGGCGGGCGGG 16

```

```

RESULT 1217
US-08-584-040-1517/c
; Sequence 1517, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995

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; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1517:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-1517

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```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 151 CAGCTCCATCTTGCA 166
Db 17 CAGCTAGATATTGCA 2

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RESULT 1218
US-08-584-040-1694/c
; Sequence 1694, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995

```

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;
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1694:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-1694

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 176 TCACAGTCACAGTGGC 191
DB 15 TCACAATTAGATGGC 1

RESULT 1219
US-08-584-040-1983
; Sequence 1983, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1983:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-1983

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 308 GCATGGGAAGACTGC 323
DB 2 GGAUGGUAAGACUAC 17

RESULT 1220
US-08-584-040-2054
; Sequence 2054, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2054:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-2054

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 308 GCATGGGAAGACTGC 323
DB 2 GGAUGGUAAGACUAC 17
```

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RESULT 1221
US-08-584-040-2669
; Sequence 2669, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggan, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,527
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2669:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2669

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Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels

Qy	203	CCTGGGTTCCAGCCC	218
		: : : :	
D _b	2	CCUUGUUCCUAGCCC	17

RESULT 1222
US-08-584-040-2670
Sequence 2670, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REACTANT FOR
TITLE OF INVENTION: TREATMENT OF D

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
 TITLE OF INVENTION: GROWTH FACTOR
 NUMBER OF SEQUENCES: 8502
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 FILING APPLICATION NUMBER: US/08/584,040
 FILING DATE: January 11, 1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/005,974
 FILING DATE: October 26, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/064
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ. ID NO: 2670:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 85-08-584-040-2670

Query Match	1.3%;	Score 11.2;	DB 1;	Length 17;
Best Local Similarity	62.5%;	Pred. No. 7.5e+02;		
Matches 10;	Conservative	3;	Mismatches 3;	Indels

Qy	203	CCTGGGT	CCCAGCC	218
		:		
D _b	1	CCUUGUU	CCUAGCC	16

RESULT 1223
US-08-584-040-2856
Sequence 2856, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066


```
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: IBM Compatible
/ COMPUTER: IBM P.C. DOS 5.0
/ OPERATING SYSTEM: Word Perfect 5.1
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2856:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-584-040-2856
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 43.8%; Pred. No. 7.5e+02;
/ Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 509 GGCACGTTGGCATTT 524
/ Db 1 GCGUAGUUUUGCCUUU 16
/
/ RESULT 1224
/ US-08-584-040-3766
/ Sequence 3766, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 3978:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
```

```
/
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 3766:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-584-040-3766
/
/ Query Match 1.3%; Score 11.2; DB 1; Length 17;
/ Best Local Similarity 68.8%; Pred. No. 7.5e+02;
/ Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 251 GAGGACTTAGACAGG 266
/ Db 1 GAGGGACUUGGACUGG 16
/
/ RESULT 1225
/ US-08-584-040-3978
/ Sequence 3978, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/584,040
/ FILING DATE: January 11, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/005,974
/ FILING DATE: October 26, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/064
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 3978:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
```

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3978

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCGCTTCAGGAAG 465
    ||| |::|::|::|::|
Db 2 GAGGACUCCAGGAG 17

RESULT 1226
US-08-584-040-3979
; Sequence 3979, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3979:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-3979

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCGCTTCAGGAAG 465
    ||| |::|::|::|::|
Db 1 GAGGACUCCAGGAG 16

US-08-584-040-5342
; Sequence 5342, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5342:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-5342

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 133 TGTCTGCTTTGGGGC 148
    :|::|::|::|::|
Db 1 UGACUUCUUGCGGC 16

RESULT 1228
US-08-584-040-5462/c
; Sequence 5462, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
```

;; TITLE OF INVENTION: TREATMENT OF DISEASES OR
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; TITLE OF INVENTION: GROWTH FACTOR
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 5462:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-584-040-5462

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 711 ATAGCCAAATTTTCAGG 726
Db 16 ATAGCTCAATTCATG 1

RESULT 1229
US-08-584-040-5900/c
; Sequence 5900, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Favco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

;; ZIP: 90071-2066
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 5900:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-584-040-5900

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 392 GGCACACACACACCTCG 407
Db 16 GGCACACACCTCCCTG 1

RESULT 1230
US-08-584-040-5914/c
; Sequence 5914, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Favco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:

DB 1 CCUCGCUCCAAGCCC 16

RESULT 1233
US-08-584-040-7420
; Sequence 7420, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEVELS
; OF VASCULAR ENDOTHELIAL
; GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7420:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7420

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 824 GGGTCTGAGCTGCT 839
DB 17 GGAAGCTGGAGCTGCT 2

RESULT 1235
US-08-584-040-7651
; Sequence 7651, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEVELS
; OF VASCULAR ENDOTHELIAL
; GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California

DB 1 CCUCGCUCCAAGCCC 16

RESULT 1233
US-08-584-040-7420
; Sequence 7420, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEVELS
; OF VASCULAR ENDOTHELIAL
; GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7420:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7420

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.5e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 155 TCCATCTTCACCAT 170
DB 1 UCCUCACUCCGCGG 16

RESULT 1234
US-08-584-040-7629/c
; Sequence 7629, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7768
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;
QY 923 CCGGACTTTCAGTTT 938
DB 1 CCGGACUUCUCCAU 16
RESULT 1238
US-08-584-040-7797/C
Sequence 7797, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 7797:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7797
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 672 AAGCTCAGATGGAT 687

DB 16 AACTCATGATGAT 1
RESULT 1239
US-08-584-040-8117
Sequence 8117, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
INFORMATION FOR SEQ ID NO: 8117:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8117
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.5e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
QY 653 GAGTGTCTCATGCAG 668
DB 2 GAGGUUCUCCAUCCAG 17
RESULT 1240
US-08-678-645-754
Sequence 754, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.

APPLICANT: Merlo, Patricia Ann Owens
 APPLICANT: Guo, Lining
 APPLICANT: Skokut, Thomas A.
 APPLICANT: Young, Scott A.
 APPLICANT: Folkerts, Otto
 APPLICANT: Merlo, Donald J.
 TITLE OF INVENTION: COMPOSITION AND METHODS FOR
 TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
 TITLE OF INVENTION: IN PLANTS
 NUMBER OF SEQUENCES: 1263
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/679,645
 FILING DATE: July 12, 1996
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/001,135
 FILING DATE: July 13, 1995
 APPLICATION NUMBER: 08/300,726
 FILING DATE: September 2, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 219/247
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 754:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-679-645-754

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 860 TGGTGTATGAGCCCAAC 875
 Db 2 UGUGAUCUGCUAAC 17

RESULT 1241
 US-09-429-130-79
 Sequence 79, Application US/09429130
 Patent No. 6355785
 GENERAL INFORMATION:
 APPLICANT: Rando, Robert F.
 Fennewald, Susan
 Zendequi, Joseph G.
 Ojwang, Joshua O.
 Hogan, Michael E.
 Pommier, Eryves
 Mazumder, Abhijit
 60/015,714
 TITLE OF INVENTION: Anti-Viral Guanosine-Rich
 Oligonucleotides

NUMBER OF SEQUENCES: 87
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Conley, Rose & Tayon, P.C.
 STREET: 600 Travis, Suite 1850
 CITY: Houston
 STATE: Texas
 COUNTRY: U.S.A.
 ZIP: 77002-2912
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: MS Windows 95
 SOFTWARE: MS Word 97 (saved as .txt file)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/429,130
 FILING DATE: 28-Oct-1999
 CLASSIFICATION: <Unknown>
 19-JULY-95
 25-MARCH-96
 19-MARCH-96
 17-APRIL-96
 23-APRIL-96
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/682,255
 FILING DATE: <Unknown>
 APPLICATION NUMBER: 60/001,505
 FILING DATE: 19-JULY-95
 APPLICATION NUMBER: 60/014,007
 FILING DATE: 25-MARCH-96
 APPLICATION NUMBER: 60/013,688
 FILING DATE: 19-MARCH-96
 APPLICATION NUMBER: 60/016,271
 FILING DATE: 17-APRIL-96
 ATTORNEY/AGENT INFORMATION:
 NAME: McDaniel, C. Steven
 REGISTRATION NUMBER: 33,962
 REFERENCE/DOCKET NUMBER: 1472-06214
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 713/238-8010
 TELEFAX: 713/238-8008
 INFORMATION FOR SEQ ID NO: 79:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 17 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 SEQUENCE DESCRIPTION: SEQ ID NO: 79:
 US-09-429-130-79

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 599 GTGGCGGTGGACGTG 614
 Db 1 GTGGCGGTGGGTGG 16

RESULT 1242
 US-09-429-130-81
 Sequence 81, Application US/09429130
 Patent No. 6355785
 GENERAL INFORMATION:
 APPLICANT: Rando, Robert F.
 Fennewald, Susan
 Zendequi, Joseph G.
 Ojwang, Joshua O.
 Hogan, Michael E.
 Pommier, Eryves
 Mazumder, Abhijit
 60/015,714
 TITLE OF INVENTION: Anti-Viral Guanosine-Rich

; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Anti-sense primer
US-09-166-2058-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 CAGAGAGCCTCTGGC 379
||| ||||| ||||| |||||
Db 2 CATAAGAGCCTCTGAC 17

RESULT 1245
US-09-495-140-13
; Sequence 13, Application US/09495140
; Patent No. 6376182
; GENERAL INFORMATION:
; APPLICANT: CHAO, LEE
; APPLICANT: CHAO, JULIE
; APPLICANT: SONG, QING
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING
; TITLE OF INVENTION: TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT
; TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION
; FILE REFERENCE: 19113.0081
; CURRENT APPLICATION NUMBER: US/09/495,140
; CURRENT FILING DATE: 2000-01-31
; EARLIER APPLICATION NUMBER: 09/389,566
; EARLIER FILING DATE: 1999-09-03
; EARLIER APPLICATION NUMBER: 08/856,141
; EARLIER FILING DATE: 1997-05-14
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: /No. 6376182e =
; OTHER INFORMATION: synthetic construct
US-09-495-140-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 763 TGGCAGAACTGGGAGAA 778
||| ||||| ||||| |||||
Db 1 TGGAGGAAGCTGGGGAA 16

RESULT 1246
US-09-509-565-39/c
; Sequence 39, Application US/09509565
; Patent No. 6399340
; GENERAL INFORMATION:
; APPLICANT: SAITO, YOSHIMASA
; APPLICANT: NOGUCHI, YUJI
; APPLICANT: YOSHIKAWA, KOJI
; APPLICANT: SOEDA, SHINSUKE
; TITLE OF INVENTION: PLASMID VECTORS
; FILE REFERENCE: 0018-1105-OPCT
; CURRENT APPLICATION NUMBER: US/09/509,565
; CURRENT FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: PCT/JP9804611
; PRIOR FILING DATE: 1998-10-13
; PRIOR APPLICATION NUMBER: JP9/303395

; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 39
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-509-565-39

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 134 CTCGCTTTGGGGCT 149
||| ||||| ||||| |||||
Db 16 CTCGCTTTGGGGAT 1

RESULT 1247
US-09-410-903-69
; Sequence 69, Application US/09410903
; Patent No. 6420113
; GENERAL INFORMATION:
; APPLICANT: Buechler, Joe
; APPLICANT: Valkirs, Gunars
; APPLICANT: Gray, Jeff
; APPLICANT: Biosite Diagnostics Inc.
; TITLE OF INVENTION: Chimeric Polyclonal Antibodies
; FILE REFERENCE: 014907-002700US
; CURRENT APPLICATION NUMBER: US/09/410,903
; CURRENT FILING DATE: 1999-10-02
; PRIOR APPLICATION NUMBER: US 08/832,985
; PRIOR FILING DATE: 1997-04-04
; PRIOR APPLICATION NUMBER: US 08/835,159
; PRIOR FILING DATE: 1997-04-04
; PRIOR APPLICATION NUMBER: WO PCT/US98/06704
; PRIOR FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 69
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer 5
US-09-410-903-69

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 951 CACAGCTGGGCAGGG 966
||| ||||| ||||| |||||
Db 2 CAACTGTGGGAAGG 17

RESULT 1248
US-09-586-376-13
; Sequence 13, Application US/09586376
; Patent No. 6492115
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Hall, Jeff
; TITLE OF INVENTION: GENETIC TYPING OF THE HUMAN CYTOCHROME P450 2A6 GENE
; FILE REFERENCE: 4389-20
; CURRENT APPLICATION NUMBER: US/09/586,376
; CURRENT FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patent in Ver. 2.1

```
; SEQ ID NO 13
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-586-376-13

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 474 GAACTTGGCATTCCTC 489
Db 1 GACCTTTGATTCCTC 16

RESULT 1249
US-09-586-376-14
; Sequence 366, Application US/09586376
; Patent No. 6492115
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Hall, Jeff
; TITLE OF INVENTION: GENETIC TYPING OF THE HUMAN CYTOCHROME P450 2A6 GENE
; FILE OF INVENTION: AND RELATED MATERIALS AND METHODS
; FILE REFERENCE: 4389-20
; CURRENT APPLICATION NUMBER: US/09/586,376
; CURRENT FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-586-376-14

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 474 GAACTTGGCATTCCTC 489
Db 1 GACCTTTGATTCCTC 16

RESULT 1250
US-09-474-432B-366/c
; Sequence 366, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 366
; LENGTH: 17
```

```
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-366

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 CCGCGTGGCCCCCTGCT 437
Db 16 CCGCGAGCACACTGCT 1

RESULT 1251
US-09-474-432B-421
; Sequence 421, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 421
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-421

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 156 CCATCTTGCCACCATC 171
Db 1 CCAGCCUUGCCCCAUC 16

RESULT 1252
US-09-474-432B-590/c
; Sequence 590, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MBHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
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; PRIOR FILING DATE: 1997-11-05
 ; PRIOR APPLICATION NUMBER: US 60/084,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: US 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: US 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; NUMBER OF SEQ ID NOS: 1526
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 590
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-474-432B-590

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGCAGGC 418
 Db 16 CCTGACACCTGGC 1

RESULT 1253
 US-09-474-432B-606/c
 ; Sequence 606, Application US/09474432B
 ; Patent No. 6528640
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Beigelman, Leo
 ; APPLICANT: Burgin, Alex
 ; APPLICANT: Beaudry, Amber
 ; APPLICANT: Karpeisky, Alex
 ; APPLICANT: Adamic, Jasenka
 ; APPLICANT: Sweedler, David
 ; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
 ; FILE REFERENCE: MHB00-831-B (247/276)
 ; CURRENT APPLICATION NUMBER: US/09/474,432B
 ; CURRENT FILING DATE: 1999-12-19
 ; PRIOR APPLICATION NUMBER: US 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; PRIOR APPLICATION NUMBER: US 60/084,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: US 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: US 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; NUMBER OF SEQ ID NOS: 1526
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 606
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-474-432B-606

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 141 TTGGGGGCTGCAGCTC 156
 Db 16 TTGAGAGCTGCAGCTC 1

RESULT 1254
 US-09-474-432B-657
 ; Sequence 657, Application US/09474432B
 ; Patent No. 6528640
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Beigelman, Leo

; APPLICANT: Burgin, Alex
 ; APPLICANT: Beaudry, Amber
 ; APPLICANT: Karpeisky, Alex
 ; APPLICANT: Adamic, Jasenka
 ; APPLICANT: Sweedler, David
 ; APPLICANT: Zinnen, Shawn
 ; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
 ; FILE REFERENCE: MHB00-831-B (247/276)
 ; CURRENT APPLICATION NUMBER: US/09/474,432B
 ; CURRENT FILING DATE: 1999-12-19
 ; PRIOR APPLICATION NUMBER: US 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; PRIOR APPLICATION NUMBER: US 60/084,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: US 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: US 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; NUMBER OF SEQ ID NOS: 1526
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 657
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-474-432B-657

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 56.2%; Pred. No. 7.5e+02;
 Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 473 GGAACTTGGCATTCTCCT 488
 Db 1 CGAGCCUGCAUUCU 16

RESULT 1255
 US-09-474-432B-704/c
 ; Sequence 704, Application US/09474432B
 ; Patent No. 6528640
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Beigelman, Leo
 ; APPLICANT: Burgin, Alex
 ; APPLICANT: Beaudry, Amber
 ; APPLICANT: Karpeisky, Alex
 ; APPLICANT: Adamic, Jasenka
 ; APPLICANT: Sweedler, David
 ; APPLICANT: Zinnen, Shawn
 ; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
 ; FILE REFERENCE: MHB00-831-B (247/276)
 ; CURRENT APPLICATION NUMBER: US/09/474,432B
 ; CURRENT FILING DATE: 1999-12-19
 ; PRIOR APPLICATION NUMBER: US 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; PRIOR APPLICATION NUMBER: US 60/084,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: US 09/186,675
 ; PRIOR FILING DATE: 1998-11-04
 ; PRIOR APPLICATION NUMBER: US 09/301,511
 ; PRIOR FILING DATE: 1999-04-28
 ; NUMBER OF SEQ ID NOS: 1526
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 704
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-474-432B-704

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 174 GCTGACAGTCACAGTG 189

Db 16 GCTGACACTCAGGTG 1
||||| ||| |||

RESULT 1256
US-09-474-432B-831
; Sequence 831, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MHE00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 831
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-831

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 731 GCGGTACAGTGTAGCC 746
||| ||| ||| |||
Db 1 GCGGTACAGTGTAGCC 16

RESULT 1257
US-09-535-012A-12/c
; Sequence 12, Application US/09535012A
; Patent No. 6531281
; GENERAL INFORMATION:
; APPLICANT: Elf Exploration Production
; TITLE OF INVENTION: Method of Detecting Sulphate- Reducing Bacteria
; FILE REFERENCE: 11628-00114
; CURRENT APPLICATION NUMBER: US/09/535,012A
; CURRENT FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 9903637
; PRIOR FILING DATE: 1999-03-24
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Desulfvibrio vulgaris
; FEATURE:
; OTHER INFORMATION: asp02 primer
US-09-535-012A-12

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 768 GAACGTGAGAGAGT 783

Db 17 GAACCGGAGGAGACT 2
||||| ||| ||| |||

RESULT 1258
US-09-230-652-104
; Sequence 104, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-104

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 415 AGGCTCTCCGGCTGCC 430
||||| ||| ||| |||
Db 2 AGGCTATCTGCTTCC 17

RESULT 1259
US-08-541-939-9
; Sequence 9, Application US/08541939
; Patent No. 6541238
; GENERAL INFORMATION:
; APPLICANT: Saxena, Indar M.
; APPLICANT: Lin, Forq C.
; APPLICANT: Brown, R. M.
; TITLE OF INVENTION: Recombinant Cellulose Synthase
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/541,939
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/222,322
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:

NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UT5B:564/MAY
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
TELEX: N/A
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: modified_base
LOCATION: 6
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N = Inosine"
US-08-541-939-9

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 945 ATGAGTCAACAGCTGGG 961
|||||
Db 1 ATGAGNCAATGGATGGG 17

RESULT 1260
US-08-541-939-14
Sequence 14, Application US/08541939
Patent No. 6541238
GENERAL INFORMATION:
APPLICANT: Saxena, Inder M.
APPLICANT: Lin, Fong C.
APPLICANT: Brown, R. M.
TITLE OF INVENTION: Recombinant Cellulose Synthase
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/541,939
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/222,322
FILING DATE: 04-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UT5B:564/MAY
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
TELEFAX: 512/474-7577
TELEX: N/A
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: modified_base
LOCATION: 6
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N = Inosine"
US-08-541-939-14

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 945 ATGAGTCAACAGCTGGG 961
|||||
Db 1 ATGAGNCAATGGATGGG 17

RESULT 1261
US-09-371-772B-62/c
Sequence 62, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 62
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-62

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 151 CAGCTCCATATTGCA 166
|||||
Db 17 CAGCTAGATATTGCA 2

RESULT 1262
US-09-371-772B-239/c
Sequence 239, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225

; SEQ ID NO 1194

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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1194

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 203 CCTGGGTTCAGCCC 218
DB 1 CCUUGUUCUAGCCC 16

RESULT 1267
US-09-371-772B-1380
; Sequence 1380, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1380
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1380

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 7.5e+02;
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 509 GGCAGTTTGGCATT 524
DB 1 GGCUAGUUUUGCCUUU 16

RESULT 1268
US-09-371-772B-1533
; Sequence 1533, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1533
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1533

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.3%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCTTCCAGGAG 465
DB 2 GAGGACUCCAGGAG 17

RESULT 1270
US-09-371-772B-1746
; Sequence 1746, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1746
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1746

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCTTCCAGGAG 465
DB 2 GAGGACUCCAGGAG 17

RESULT 1270
US-09-371-772B-1746
; Sequence 1746, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1746
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1746
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US-09-371-772B-1746

ORGANISM: Homo sapiens

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 450 GATGCTTCCAGGAAG 465
|||:|||||
Db 1 GAGGACUCCAGGAG 16

RESULT 1271

US-09-371-772B-2244

Sequence 2244, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

FILE REFERENCE: MBH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2244

LENGTH: 17

TYPE: RNA

ORGANISM: Mus sp.

US-09-371-772B-2244

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 133 TGCTGCTTTGGGGC 148
|||:|||||
Db 1 UGACUUCUUGCGGC 16

RESULT 1272

US-09-371-772B-2354/c

Sequence 2354, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

FILE REFERENCE: MBH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2354

LENGTH: 17

TYPE: RNA

ORGANISM: Mus sp.

US-09-371-772B-2354

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 711 ATAGCCAAATTCAGG 726
|||||:|||||
Db 16 ATAGCTCAATTCATG 1

RESULT 1273

US-09-371-772B-2739/c

Sequence 2739, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

FILE REFERENCE: MBH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2739

LENGTH: 17

TYPE: RNA

ORGANISM: Mus sp.

US-09-371-772B-2739

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 392 GGCACACACACCTG 407
|||||:|||||
Db 16 GGCACACACCTCCTG 1

RESULT 1274

US-09-371-772B-2753/c

Sequence 2753, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

FILE REFERENCE: MBH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2753

LENGTH: 17

TYPE: RNA

ORGANISM: Mus sp.

US-09-371-772B-2753

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 785 TGAGCGCAACTGCAG 800
 ||||| ||||| |||||
 Db 17 TCAGCGTGAAGTGCAG 2

RESULT 1275
 US-09-371-772B-2832
 ; Sequence 2832, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MEH00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2832
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-2832

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 50.0%; Pred. No. 7.5e+02;
 Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 134 GTCGCTTTGGGGGCT 149
 ||: ||: ||: ||: ||:
 Db 1 GUCUACCUUGGAGGCU 16

RESULT 1276
 US-09-371-772B-3220
 ; Sequence 3220, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MEH00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3220
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3220

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 203 CCTGGGTTCCAGCCC 218
 ||: ||: ||: ||: ||:
 Db 1 CCUCGUUCCAGCCC 16

RESULT 1277
 US-09-371-772B-3227
 ; Sequence 3227, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MEH00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3227
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3227

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 56.2%; Pred. No. 7.5e+02;
 Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 155 TCCATCTTGACCAT 170
 ||: ||: ||: ||: ||:
 Db 1 UCCUCACUUGCACCGU 16

RESULT 1278
 US-09-371-772B-3421/c
 ; Sequence 3421, Application US/09371772B
 ; Patent No. 6566127
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
 ; FILE REFERENCE: MEH00.876-J (237/198)
 ; CURRENT APPLICATION NUMBER: US/09/371,772B
 ; CURRENT FILING DATE: 1999-08-10
 ; PRIOR APPLICATION NUMBER: US 60/005,974
 ; PRIOR FILING DATE: 1995-10-26
 ; PRIOR APPLICATION NUMBER: US 08/584,040
 ; PRIOR FILING DATE: 1996-01-08
 ; NUMBER OF SEQ ID NOS: 14225
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3421
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Mus sp.
 US-09-371-772B-3421

Query Match 1.3%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 824 CGGTGCTGAGCTGGT 839
DB 17 GGAAGCTGGAGCTGGT 2

RESULT 1279
US-09-371-772B-3498/c
; Sequence 3498, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3498
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3498

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 508 TGGCCAGTTGGCATT 523
DB 16 TAGTCAGTATGCCATT 1

RESULT 1280
US-09-371-772B-3552
; Sequence 3552, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3552
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3552

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;

Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 923 CGGACTTTCAGTTT 938
DB 1 CGGGACUUCGGAUCU 16

RESULT 1281
US-09-371-772B-3581/c
; Sequence 3581, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3581
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3581

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 672 AAGCTCACAGATGGAT 687
DB 16 AAACATCATAGATGAT 1

RESULT 1282
US-09-371-772B-3900
; Sequence 3900, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3900
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3900

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.5e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

```
QY      653 GAGTGTCTTCATGCAG 668
      ||| :|||: |||
Db      2 GAGGUUCUCCAG 17

RESULT 1283
US-09-371-772B-4206/c
; Sequence 4206, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4206
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4206

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      788 GCGCAAACTGCAGGAC 803
      ||| :|||: |||
Db      17 GCGCGCACAGCAGGAC 2

RESULT 1284
US-09-371-772B-4235/c
; Sequence 4235, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4235
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4235

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      653 GAGTGTCTTCATGCAG 668
      ||| :|||: |||
Db      2 GAGGUUCUCCAG 17

RESULT 1285
US-09-371-772B-4453/c
; Sequence 4453, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4453
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4453

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      176 TGACAGTCACAGTGGC 191
      ||| :|||: |||
Db      17 TGCAATTAGAGTGGC 2

RESULT 1286
US-09-371-772B-4732/c
; Sequence 4732, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4732
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4732

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      607 TGGACGTGGCCATCTC 622
```

Db 16 TGGCCGTGGCCCTC 1

RESULT 1287

US-09-371-772B-4764/c
; Sequence 4764, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4764
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4764

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 155 TCCATCTTGCACCAT 170
Db 17 TCCATATTGCAGTAT 2

RESULT 1288

US-09-371-772B-4822
; Sequence 4822, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4822
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4822

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Oy 452 TGCCTCCAGAGAG 467

Db 2 UGUUUUCCAGAAAGUG 17

RESULT 1289

US-09-371-772B-4889
; Sequence 4889, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4889
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4889

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 390 GCGGCGACACACACCC 405
Db 1 GCGGCGACAGACCC 16

RESULT 1290

US-09-371-772B-5320
; Sequence 5320, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5320
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5320

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.5e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Oy 483 ATTCTCAGATCTAA 498
Db 2 ACUCUUCAGGCUAA 17

RESULT 1291
US-09-371-772B-6151
; Sequence 6151, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6151
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6151

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 88.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
QY 251 GAAGGACTTAGACAGG 266
|||:::|||||
DB 2 GAGGGACUUGGACUGG 17

RESULT 1292
US-09-371-772B-6181/c
; Sequence 6181, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6181
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6181

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 187 GTGGCCGGGTCAGTTT 202
|||:::|||||
DB 16 GAGGCCAGTCAGTTT 1

RESULT 1293
US-09-371-772B-6438/c
; Sequence 6438, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6438
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6438

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 137 TGCTTGGGGGTGCA 152
|||:::|||||
DB 17 TGCTCAGTGGGTGCA 2

RESULT 1294
US-09-371-772B-6456/c
; Sequence 6456, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6456
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6456

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 326 AGAAGCTGTGGAGCAA 341
|||:::|||||
DB 17 AGAGCTGTGGCCAA 2

RESULT 1295

US-09-371-772B-6691
; Sequence 6691, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6691
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6691

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 257 CTTAGACAGGAGCACC 272
|: ||||| |||||
DB 2 CUUGGACAGCAUACC 17

RESULT 1296

US-09-371-772B-6710/C
; Sequence 6710, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6710
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6710

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 AGAGCTCAGGAAGCTT 479
||| ||||| |||||
DB 17 AGATCTCAGGAGCTT 2

RESULT 1297

US-09-371-772B-6805

US-09-371-772B-6805
; Sequence 6805, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6805
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6805

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 69.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 308 GCATGGGAAGACTGC 323
|: ||||| |||||
DB 2 GGAUGGCAAGACUAC 17

RESULT 1298

US-09-371-772B-6834
; Sequence 6834, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6834
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6834

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.5e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 912 TGAAGACAGACGGGA 927
|: ||||| |||||
DB 2 UGACACACAGCAGGA 17

RESULT 1299

US-09-371-772B-6874

; Sequence 6874, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Payco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCES: MEH800,876-J (237/198)
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US/09/371.772B
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6874
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6874

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.5e+02;
Matches 12; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 558 CAACAGCAGGACCT 573
Db 2 CAAAGCAGGAGUCU 17

RESULT 1300
US-09-585-174-53
; Sequence 53, Application US/09585174
; Patent No. 6586229
; GENERAL INFORMATION:
; APPLICANT: Ben-Bassat, Arie
; APPLICANT: Cattermole, Monica
; APPLICANT: Gattenby, Anthony A.
; APPLICANT: Gibson, Katherine J.
; APPLICANT: Ramos-Gonzalez, Isabel
; APPLICANT: Ramos, Juan
; APPLICANT: Sariaslani, Sima
; TITLE OF INVENTION: Method for the production of p-Hydroxybenzoate in Species of
; FILE REFERENCES: BC1018 US NA
; CURRENT APPLICATION NUMBER: US/09/585,174
; CURRENT FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 53
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; OTHER INFORMATION: primer used for sequencing pcu
US-09-585-174-53

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 467 GCTCCAGGACTTGGC 482
Db 2 GGTGAGGAGACTTGGC 17

RESULT 1301
US-08-944-410-90/c

; Sequence 90, Application US/08944410
; Patent No. 6607878
; GENERAL INFORMATION:
; APPLICANT: Sorige, Joseph A.
; TITLE OF INVENTION: COLLECTIONS OF UNIQUELY TAGGED MOLECULES
; FILE REFERENCES: 04121.0018-00000
; CURRENT APPLICATION NUMBER: US/08/944,410
; CURRENT FILING DATE: 1997-10-06
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 90
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-08-944-410-90

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 376 TGGCGTCTCTGCTGC 391
Db 16 TTGACGTCTCTGCTGAC 1

RESULT 1302
US-09-476-387-365/c
; Sequence 365, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCES: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 365
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-365

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 CCGGTGCCCCCTGCT 437
Db 16 CCGGACGACACTGCT 1

RESULT 1303
US-09-476-387-420
; Sequence 420, Application US/09476387

Patent No. 6617438
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Beigelman, Leo
 APPLICANT: Beaudry, Amber
 APPLICANT: Karpeisky, Alex
 APPLICANT: Adamic, Jasenka Matulic
 APPLICANT: Sweedler, Dave
 APPLICANT: Zinnen, Shawn
 TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
 FILE REFERENCE: MBH00-831-C (249/073)
 CURRENT APPLICATION NUMBER: US/09/476,387
 CURRENT FILING DATE: 2001-04-04
 PRIOR APPLICATION NUMBER: 09/474,432
 PRIOR FILING DATE: 1998-12-29
 PRIOR APPLICATION NUMBER: 09/301,511
 PRIOR FILING DATE: 1999-04-28
 PRIOR APPLICATION NUMBER: 09/186,675
 PRIOR FILING DATE: 1998-11-04
 PRIOR APPLICATION NUMBER: 60/083,727
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/064,866
 PRIOR FILING DATE: 1997-11-05
 NUMBER OF SEQ ID NOS: 1524
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 420
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-476-387-589/C

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 62.5%; Pred. No. 7.5e+02;
 Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 156 CCATCTTGCACATC 171
 DB 1 CCAGCCUUGCCCAUC 16

RESULT 1304
 US-09-476-387-589/C
 Sequence 589, Application US/09476387
 Patent No. 6617438
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Beigelman, Leo
 APPLICANT: Beaudry, Amber
 APPLICANT: Karpeisky, Alex
 APPLICANT: Adamic, Jasenka Matulic
 APPLICANT: Sweedler, Dave
 APPLICANT: Zinnen, Shawn
 TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
 FILE REFERENCE: MBH00-831-C (249/073)
 CURRENT APPLICATION NUMBER: US/09/476,387
 CURRENT FILING DATE: 2001-04-04
 PRIOR APPLICATION NUMBER: 09/474,432
 PRIOR FILING DATE: 1999-12-29
 PRIOR APPLICATION NUMBER: 09/301,511
 PRIOR FILING DATE: 1999-04-28
 PRIOR APPLICATION NUMBER: 09/186,675
 PRIOR FILING DATE: 1998-11-04
 PRIOR APPLICATION NUMBER: 60/083,727
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/064,866
 PRIOR FILING DATE: 1997-11-05
 NUMBER OF SEQ ID NOS: 1524
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 589
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-476-387-589

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 403 CCTGCTCCAGCAGGC 418
 DB 16 CCTGCACACCTGGC 1

RESULT 1305
 US-09-476-387-605/C
 Sequence 605, Application US/09476387
 Patent No. 6617438
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Beigelman, Leo
 APPLICANT: Beaudry, Amber
 APPLICANT: Karpeisky, Alex
 APPLICANT: Adamic, Jasenka Matulic
 APPLICANT: Sweedler, Dave
 APPLICANT: Zinnen, Shawn
 TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
 FILE REFERENCE: MBH00-831-C (249/073)
 CURRENT APPLICATION NUMBER: US/09/476,387
 CURRENT FILING DATE: 2001-04-04
 PRIOR APPLICATION NUMBER: 09/474,432
 PRIOR FILING DATE: 1999-12-29
 PRIOR APPLICATION NUMBER: 09/301,511
 PRIOR FILING DATE: 1999-04-28
 PRIOR APPLICATION NUMBER: 09/186,675
 PRIOR FILING DATE: 1998-11-04
 PRIOR APPLICATION NUMBER: 60/083,727
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/064,866
 PRIOR FILING DATE: 1997-11-05
 NUMBER OF SEQ ID NOS: 1524
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 605
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-09-476-387-605

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 141 TTGGGGCTGCAGCTC 156
 DB 16 TTCGAGCTGCAGCTC 1

RESULT 1306
 US-09-476-387-656
 Sequence 656, Application US/09476387
 Patent No. 6617438
 GENERAL INFORMATION:
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: Beigelman, Leo
 APPLICANT: Beaudry, Amber
 APPLICANT: Karpeisky, Alex
 APPLICANT: Adamic, Jasenka Matulic
 APPLICANT: Sweedler, Dave
 APPLICANT: Zinnen, Shawn
 TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
 FILE REFERENCE: MBH00-831-C (249/073)
 CURRENT APPLICATION NUMBER: US/09/476,387
 CURRENT FILING DATE: 2001-04-04
 PRIOR APPLICATION NUMBER: 09/474,432
 PRIOR FILING DATE: 1999-12-29
 PRIOR APPLICATION NUMBER: 09/301,511
 PRIOR FILING DATE: 1999-04-28

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; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 656
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-656

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```

Query Match      1.3%  Score 11.2; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 7.5e+02;
Matches 9; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

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QY 473 GGAACCTTGGCACTTCCT 488
||| :||| :|
Db 1 GGAGCCUGGCAUUCU 16

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RESULT 1307
US-09-476-387-703/c
; Sequence 703, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 703
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-703

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Query Match      1.3%  Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 174 GCTGACAGTCACAGTG 189
||||| :||| :|
Db 16 GCTGACACTCAGGGTG 1

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RESULT 1308
US-09-476-387-830
; Sequence 830, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo

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; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 830
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-830

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Query Match      1.3%  Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e+02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

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QY 731 GCGGTACAGTGATGCC 746
||||| :||| :|
Db 1 GCGGUACAGUGAGGAC 16

```

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RESULT 1309
US-09-401-063-144/c
; Sequence 144, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:

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; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-401-063-144

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTGCA 692
Db 17 CACTGATGGAGGTGCA 2

RESULT 1310
US-09-401-063-150
; Sequence 150, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-401-063-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTTGGGAGTCA 532
Db 1 UGGCAUUAAGGGGUGA 16
```

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; TOPOLOGY: linear
;
US-09-401-063-150

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTTGGGAGTCA 532
Db 2 UGGCAUUAAGGGGUGA 17

RESULT 1311
US-09-401-063-151
; Sequence 151, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-401-063-151

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 7.5e+02;
Matches 8; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 517 TGGCATTTGGGAGTCA 532
Db 1 UGGCAUUAAGGGGUGA 16
```

```

RESULT 1312
US-09-401-063-294
; Sequence 294, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 294:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-294

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e-02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 415 AGGCTCTCCGGTGCC 430
Db 1 AUGCCCUUGCGUGCC 16

RESULT 1313
US-09-401-063-304
; Sequence 304, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 304:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-304

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.5e-02;
Matches 11; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

```

```

; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 304:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-304

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.5e+02;
Matches 10; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 489 CAGGATCTAATGGAG 504
Db 1 CAUGACUACUUGAG 16

RESULT 1314
US-09-401-063-644/c
; Sequence 644, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage

```

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 644:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-644

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 317 AGACTGCAGAGAGCT 332
DB 17 AGATTTCAGAGAGCT 2

RESULT 1315
US-09-401-063-734/c
Sequence 734, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 734:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-734

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 896 GAGAACGTATTTAAG 911
DB 16 GAGAAATTATTTAGG 1

RESULT 1316
US-09-415-099-14/c
Sequence 14, Application US/09415099
Patent No. 6653088
GENERAL INFORMATION:
APPLICANT: CZECH, Christian
APPLICANT: MERKEN, Luc
APPLICANT: PRADIER, Laurent
TITLE OF INVENTION: PEPTIDES CAPABLE OF INHIBITING THE INTERACTION BETWEEN
TITLE OF INVENTION: PRESENILINS AND THE PRECURSOR OF THE BETA-AMYLOID
TITLE OF INVENTION: PEPTIDE AND/OR THE BETA-AMYLOID PEPTIDE AND THE
TITLE OF INVENTION: INTERACTION TEST FOR THE INVESTIGATION OF INHIB
FILE REFERENCE: ST97027B-US
CURRENT APPLICATION NUMBER: US/09/415,099
CURRENT FILING DATE: 1999-10-08
EARLIER APPLICATION NUMBER: PCT/FR98/02278
EARLIER FILING DATE: 1998-10-23
EARLIER APPLICATION NUMBER: 60/103,553
EARLIER FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:PCR Primer
OTHER INFORMATION: Oligonucleotide
US-09-415-099-14

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 459 CAGGAGAGCTCCAGG 474
DB 17 CGGGAGGAGCTCCAGG 2

RESULT 1317
US-09-827-998-366/c
Sequence 366, Application US/09827998
Patent No. 6656700
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 771 CTGGAGAGAGAGTGTG 786
 DB 1 CTGAGAGAGAGGGGG 16

RESULT 1322
 US-09-827-998-785/c
 ; Sequence 785, Application US/09827998
 ; Patent No. 6656700
 ; GENERAL INFORMATION:
 ; APPLICANT: Gu, Yizhong
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 ; FILE REFERENCE: MDHMOF-8
 ; CURRENT APPLICATION NUMBER: US/09/827,998
 ; CURRENT FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 785
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-827-998-785

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 948 AGTCAACAGCTGGGCA 963
 DB 17 AGTCAACTTCTGGTA 2

RESULT 1323
 US-09-827-998-786/c
 ; Sequence 786, Application US/09827998
 ; Patent No. 6656700
 ; GENERAL INFORMATION:
 ; APPLICANT: Gu, Yizhong
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 ; FILE REFERENCE: MDHMOF-8
 ; CURRENT APPLICATION NUMBER: US/09/827,998
 ; CURRENT FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 786
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-827-998-786

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 948 AGTCAACAGCTGGGCA 963
 DB 17 AGTCAACTTCTGGTA 2

Db 16 AGTCAACTTCTGGTA 1

RESULT 1324
 US-09-827-998-1721
 ; Sequence 1721, Application US/09827998
 ; Patent No. 6656700
 ; GENERAL INFORMATION:
 ; APPLICANT: Gu, Yizhong
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 ; FILE REFERENCE: MDHMOF-8
 ; CURRENT APPLICATION NUMBER: US/09/827,998
 ; CURRENT FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 1721
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-827-998-1721

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 280 AGTTGTTGAAACTTGT 295
 DB 2 AGTTGTTGCTGTGT 17

RESULT 1325
 US-09-827-998-1722
 ; Sequence 1722, Application US/09827998
 ; Patent No. 6656700
 ; GENERAL INFORMATION:
 ; APPLICANT: Gu, Yizhong
 ; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
 ; FILE REFERENCE: MDHMOF-8
 ; CURRENT APPLICATION NUMBER: US/09/827,998
 ; CURRENT FILING DATE: 2001-04-06
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; NUMBER OF SEQ ID NOS: 1881
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6656700
 ; SEQ ID NO 1722
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-827-998-1722

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 280 AGTTGTTGAAACTTGT 295
 DB 1 AGTTGTTGCTGTGT 16

RESULT 1326
 US-09-456-050A-22
 ; Sequence 22, Application US/09456090A
 ; Patent No. 6680209

```

; GENERAL INFORMATION:
; APPLICANT: Buechler, Joe
; APPLICANT: Valkirs, Gunars
; APPLICANT: Gray, Jeff
; APPLICANT: Lonberg, Nils
; TITLE OF INVENTION: HUMAN ANTIBODIES AS DIAGNOSTIC REAGENTS
; FILE REFERENCE: 020015-000200US
; CURRENT APPLICATION NUMBER: US/09/456,090A
; CURRENT FILING DATE: 1999-12-06
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer 5
US-09-456-090A-22

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

          QY    951 CAACAGCTGGCAGG 966
              ||||| ||||| |||||
          Db      2 CAACTGTGGGAAGG 17

RESULT 1327
US-09-866-108A-152
; Sequence 152, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 153
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-153

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

          QY    231 ACGCCCTGGCTCAGC 246
              ||||| ||||| |||||
          Db      1 ACGCCCTGGCACTGC 16

RESULT 1329
US-09-866-108A-177
; Sequence 177, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.

```



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; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aesomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 200
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-200

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7, 5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      821 TGTGGTGCTGAGCT 836
        ||||| |||||
Db       1 TGTGGGAGCAGAGAT 16

RESULT 1331
US-09-866-108A-213/c
; Sequence 213, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEsOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aesomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 213
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens

```

US-09-866-108A-213

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 535 GCCTCTTCGACATC 550
 |||||
 Db 16 GTCTCTTCGACATC 1

RESULT 1332

US-09-866-108A-322/c
 ; Sequence 322, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 322

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-322

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 631 CTCAGTCCGCTCCCT 646
 |||||
 Db 17 CTCGTCTCGCTTCT 2

RESULT 1333

US-09-866-108A-323/c

; Sequence 323, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 323
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-323

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 631 CTCAGTCCGCTCCCT 646
 |||||
 Db 16 CTCGTCTCGCTTCT 1

RESULT 1334

US-09-866-108A-401/c

; Sequence 401, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

```
; ORGANISM: Homo sapiens
US-09-866-108A-402

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      794 ACTGCAGGACTGCTG 809
DB      17 ACTGCTGGACTTGCTG 2

RESULT 1335
US-09-866-108A-402/c
; Sequence 402, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-401

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      794 ACTGCAGGACTGCTG 809
DB      17 ACTGCTGGACTTGCTG 2

RESULT 1335
US-09-866-108A-402/c
; Sequence 402, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 402
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
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; ORGANISM: Homo sapiens
US-09-866-108A-402

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      794 ACTGCAGGACTGCTG 809
DB      16 ACTGCTGGACTTGCTG 1

RESULT 1336
US-09-866-108A-558
; Sequence 558, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 558
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-558

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      723 CAGGAGCTGCGGTACA 738
DB      2 CAGGAGCTGCGGTCCA 17

RESULT 1337
US-09-866-108A-562
; Sequence 562, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 562
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-562

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 726 GAGCTGCGGTACAGTG 741
| | | | | | | | | | | | | | | | |
Db 1 GAGCTGCGGTCCAGTG 16

RESULT 1338
; Sequence 801, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 562
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-562

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 801
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-801

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 133 TGCTGCTTTGGGGC 148
| | | | | | | | | | | | | | | | |
Db 17 TCTCAGCTTTGGGGC 2

RESULT 1339
; Sequence 802, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 802
; LENGTH: 17

```

TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-802

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 133 TGTCTGCTTCTGGGGC 148
DB 16 TCTCAGCTTCTGGGGC 1

RESULT 1340
US-09-866-108A-1126
Sequence 1126, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1126
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1127

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 193 GGGTCAGTTCTCTGGG 208
DB 1 GGGGAGGTTCTCTGGG 16

RESULT 1342
US-09-866-108A-1209
Sequence 1209, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666

TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-802

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 133 TGTCTGCTTCTGGGGC 148
DB 16 TCTCAGCTTCTGGGGC 1

RESULT 1340
US-09-866-108A-1126
Sequence 1126, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 1126
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-1126

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 193 GGGTCAGTTCTCTGGG 208
DB 2 GGGGAGGTTCTCTGGG 17

RESULT 1341
US-09-866-108A-1127
Sequence 1127, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1209
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1209

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Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      774 GAGAAGAAGTGTGAGC 789
      |||||
Db      2 GAGAAGACAGGTGAGC 17

```

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RESULT 1343
US-09-866-108A-1210
; Sequence 1210, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1210

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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1210

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Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      774 GAGAAGAAGTGTGAGC 789
      |||||
Db      1 GAGAAGACAGGTGAGC 16

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RESULT 1344
US-09-866-108A-1388
; Sequence 1388, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1388
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1388

```

```

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

QY      666 CAGCTGAAGCTCACAG 681
      |||||
Db      1 CAGGTGAAGCTCGAG 16

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RESULT 1345
US-09-866-108A-1715/c
; Sequence 1715, Application US/09866108A
; Patent No. 6686188

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```

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1715

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 917 AGACAGCGGACTTTC 932
Db 17 AGCCAGCCAGACTTTC 2

RESULT 1346
US-09-866-108A-1715/c
; Sequence 1715, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1715
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1715

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 917 AGACAGCGGACTTTC 932
Db 17 AGCCAGCCAGACTTTC 2

RESULT 1346
US-09-866-108A-1716/c
; Sequence 1716, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1716
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1716

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 917 AGACAGCGGACTTTC 932
Db 16 AGCCAGCCAGACTTTC 1

RESULT 1347
US-09-866-108A-2015
; Sequence 2015, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
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; SEQ ID NO 2015
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2015

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      566 GGGATCCTCGTGCCT 581
DB      2 GGGGCCCTCGGTGCCT 17

RESULT 1348
US-09-866-108A-2016
; Sequence 2016, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2230
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2230

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      876 TCCATTGAGGTCTGTC 891
DB      17 TCCACTGAGACCTGTC 2

RESULT 1350
US-09-866-108A-2233
; Sequence 2233, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AeoMica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2016
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2016

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY      566 GGGATCCTCGTGCCT 581
DB      1 GGGGCCCTCGGTGCCT 16

RESULT 1349
US-09-866-108A-2230/c
; Sequence 2230, Application US/09866108A

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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15/55
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2233
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2233

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      490 AGGATCTCAATTGGAGA 505
Db      1 AGGATCTCAATTGGAGA 16

RESULT 1351
US-09-866-108A-2445/c
; Sequence 2445, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15/55
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2446
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2446

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      519 GCATTTGGGAGTCAAC 534
Db      16 GCATTTGGGAGTCAAC 1

RESULT 1353
US-09-866-108A-2875
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; Patent No. 6686188
; SEQ ID NO 2445
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2445

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      519 GCATTTGGGAGTCAAC 534
Db      17 GCATTTGGGAGTCAAC 2

RESULT 1352
US-09-866-108A-2446/c
; Sequence 2446, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15/55
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2446
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2446

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      519 GCATTTGGGAGTCAAC 534
Db      16 GCATTTGGGAGTCAAC 1

RESULT 1353
US-09-866-108A-2875
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/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/006666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006659
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006655
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006658
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006653
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 2876
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-2876

```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels

Qy 760 AGATGGCAGAACTGGA 775
|||||
Db 1 AGATGACAGGAGTGGGA 16

RESULT 1355
US-09-866-108A-5886
/ Sequence 5886, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU Yizhong
/ APPLICANT: JI, Yongchang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRES
/ FILE REFERENCE: A6MICA-7

```
Query Match      1.3%;      Score 11.2;      DB 1;      Length 17;
Best Local Similarity 81.2%;      Pred. No. 7.5e+02;
Matches 13;      Conservative 0;      Mismatches 3;      Indels
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QY 760 AGATGGCAGAACTGGA 775
|||||
Db 2 AGATGCACAGGAGTGGGA 17

RESULT .1354

PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669

INVENTOR: GLENNON, MARK
: TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US/09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 607,207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24963.6
 PRIOR FILING DATE: 2000-10-04

Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 5886
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-5886

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 227 AGTGACGCCGTGGCT 242
 |||||
 DB 2 AGGACACCGTGGCT 17

RESULT 1356

US-09-866-108A-5887, Application US/09866108A
 ; Patent No. 6686188

GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 5887

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-5887

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 227 AGTGACGCCGTGGCT 242
 |||||
 DB 1 AGGACACCGTGGCT 16

RESULT 1357

US-09-866-108A-6207/c
 ; Sequence 6207, Application US/09866108A
 ; Patent No. 6686188

GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6207

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-6207

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 CAGGAGCTGGGTACA 738

|||||

DB 17 CAGGACCTGGGTGCA 2

RESULT 1358

US-09-866-108A-6208/c
 ; Sequence 6208, Application US/09866108A
 ; Patent No. 6686188

GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6208
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6208

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 CAGGAGCTGGGTACA 738
|||||
Db 16 CAGGAGCTGGGTGCA 1

RESULT 1359
US-09-866-108A-6210/c
; Sequence 6210, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6211
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6211

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 720 TTTCAGGAGCTGGGT 735
|||||
Db 16 TTTCAGGAGCTGGGT 1

; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6210
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6210

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 720 TTTCAGGAGCTGGGT 735
|||||
Db 17 TTTCAGGAGCTGGGT 2

RESULT 1360
US-09-866-108A-6211/c
; Sequence 6211, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6211
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6211

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 720 TTTCAGGAGCTGGGT 735
|||||
Db 16 TTTCAGGAGCTGGGT 1

RESULT 1361
US-09-866-108A-6309/c
; Sequence 6309, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6309
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6309

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 695 CCGCTTCGAGGTGCC 710
Db 17 CTGCTGGAGGTGCC 2

RESULT 1362
US-09-866-108A-6310/c
; Sequence 6310, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6310
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6310

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 695 CCGCTTCGAGGTGCC 710
Db 16 CTGCTGGAGGTGCC 1

RESULT 1363
US-09-866-108A-6318
; Sequence 6318, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6318
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6318

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTCCGG 425

Db 2 CCAGCAGGCTCTCCAG 17

RESULT 1364

US-09-866-108A-6319
; Sequence 6319, Application US/09866108A
; Patent No. 6686188

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: ACOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Acomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6319

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6319

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 410 CCAGCAGGCTCTCCGG 425

Db 1 CCAGCAGGCTCTCCAG 16

RESULT 1365

US-09-866-108A-6540/c

; Sequence 6540, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: ACOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Acomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6540

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6540

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 427 TGCCCCCTGCTAGTCT 442

Db 17 TGCCCCCAGGCTTGCT 2

RESULT 1366

US-09-866-108A-6542/c

; Sequence 6542, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: ACOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/006666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6542
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6542

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 426 CTGCCCCCTGTAGTC 441
DB 16 CTGCCCCAGGCTGTC 1

RESULT 1367
US-09-866-108A-6547
;; Sequence 6547, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/006666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006663

;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6547
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6547

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 596 CCGGTGGCGGTGGAC 611
DB 2 CCTGGGCGAGGTGGAC 17

RESULT 1368
US-09-866-108A-6548
;; Sequence 6548, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: ACOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/006666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/006663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Acomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6548
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6548

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 596 CCGGTGGCGGTGGAC 611
DB 1 CCTGGGCGAGGTGGAC 16

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/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6615
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6615

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 409 TCACGAGGCTCTCCG 424
DB 1 TCCTGGAGGCTCTGCG 16

RESULT 1371
US-09-866-108A-6618
/ Sequence 6618, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6614
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-6614

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 409 TCACGAGGCTCTCCG 424
DB 2 TCCTGGAGGCTCTGCG 17

RESULT 1370
US-09-866-108A-6615
/ Sequence 6615, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6618
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-6618

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 413 GCAGGCTCCGGCTG 428
 Db 2 GCAGGCTCCGGCTG 17

RESULT 1372
 US-09-866-108A-6631
 ; Sequence 6631, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6632
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-6632

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 306 CTGCATGGGAAAGACT 321
 Db 1 CTGCATGGGAAAGACT 16

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 306 CTGCATGGGAAAGACT 321
 Db 1 CTGCATGGGAAAGACT 16

Db 2 CTGCATGGGAAAGACT 17

RESULT 1373
 US-09-866-108A-6632
 ; Sequence 6632, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 6632
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-6632

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 306 CTGCATGGGAAAGACT 321
 Db 1 CTGCATGGGAAAGACT 16

RESULT 1374
 US-09-866-108A-6709/c
 ; Sequence 6709, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A

RESULT 1378
US-09-866-108A-6753
; Sequence 6753, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE E
; FILE REFERENCE: A6WIC-7

;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6754
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6754

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 233 GCGCGTGGCTCAGCTC 248
Db 1 GCGCGTGGAGGAGCTC 16

RESULT 1380

US-09-866-108A-6935
;; Sequence 6935, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6935
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6935

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATGACGCTGAAGCT 676
Db 2 TCAAGAGCTGAAGAT 17

RESULT 1381

US-09-866-108A-6936
;; Sequence 6936, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 6936
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-6936

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 661 TCATGACGCTGAAGCT 676
Db 1 TCAAGAGCTGAAGAT 16

RESULT 1382

US-09-866-108A-7378
;; Sequence 7378, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

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; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7378
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7378

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Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 249 TTGAAGGACTTAGACA 264
DB 2 TTGAATGACTTGGAAA 17

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RESULT 1383
US-09-866-108A-7381
; Sequence 7381, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7378
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7378

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7381
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7381

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```

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 251 GAAGGACTTAGACAGG 266
DB 1 GAATGACTTGGAAAGG 16

```

```

RESULT 1384
US-09-866-108A-7521
; Sequence 7521, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7521
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7521

```

```

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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OY 767 AGAAGCTGGAGGAAG 782
 |||||
 Db 2 AGAGCTGGAGCAAAAG 17

RESULT 1385

US-09-866-108A-7522
 ; Sequence 7522, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aemica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 7522
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-7522

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 767 AGAAGCTGGAGGAAG 782
 |||||
 Db 1 AGAGCTGGAGCAAAAG 16

RESULT 1386

US-09-866-108A-8237
 ; Sequence 8237, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aemica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8237
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8237

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 918 GACAGCGGACTTTCA 933
 |||||
 Db 2 GCCATCGGACTTTGA 17

RESULT 1387

US-09-866-108A-8238
 ; Sequence 8238, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8238
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8238

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 918 GACAGCGGACTTTC 933
 DB 1 GCCATCGGACTTTGA 16

RESULT 1388
 US-09-866-108A-8239
 ; Sequence 8239, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8239
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8239

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 920 CACGGGACTTTCAGG 935
 DB 2 CATCGGACTTTGATG 17

RESULT 1389
 US-09-866-108A-8241
 ; Sequence 8241, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8241
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8241

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 ACCTGGGACTTTCAGGT 936
 DB 1 ATCTGGGACTTTGATGT 16

RESULT 1390
 US-09-866-108A-8310/c
 ; Sequence 8310, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6866188
 ; SEQ ID NO 8310
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-8310

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 677 CACAGATGGATCTGCA 692
 Db 16 CCCAGAGGAGCTGCA 1

RESULT 1391
 US-09-866-108A-8376/c
 ; Sequence 8376, Application US/09866108A
 ; Patent No. 6866188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6866188
 ; SEQ ID NO 8400
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-8400

Query Match 1.3%; Score 11.2; DB 1; Length 17;

; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6866188
 ; SEQ ID NO 8376
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-8376

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 408 CTCACAGCAGCTCTCC 423
 Db 17 CTCACAGCTGGCTGTGC 2

RESULT 1392
 US-09-866-108A-8400
 ; Sequence 8400, Application US/09866108A
 ; Patent No. 6866188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; Patent No. 6866188
 ; SEQ ID NO 8400
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108A-8400


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Best Local Similarity 81.2%; Pred. No. 7.5e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 3;

QY 713 AGCCAAATTCAGGAG 728
Db 2 AGCCAAAGTGTGAGGAG 17

RESULT 1393
US-09-866-108A-8401
; Sequence 8401, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8494

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 405 CTGCTCCAGCAGGCTC 420
Db 16 CTCATCCACGAGGCTC 1

RESULT 1395
US-09-866-108A-8504
; Sequence 8504, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8504
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8504

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 724 AGGAGCTCGGTACAG 739
 |||||
 Db 2 ATGAGCAGCTGTACAG 17

RESULT 1396
 US-09-866-108A-8505
 ; Sequence 8505, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8505
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8505

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 724 AGGAGCTCGGTACAG 739
 |||||
 Db 1 ATGAGCAGCTGTACAG 16

RESULT 1397
 US-09-866-108A-8545
 ; Sequence 8545, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AECOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; PRIOR FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755
 ; SOFTWARE: Aecomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 8545
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-8545

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTGAAGCTCAGATG 684
 |||||
 Db 2 CTGAAGCTCAGATG 17

RESULT 1398
 US-09-866-108A-8546
 ; Sequence 8546, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8546

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGT 684
Db      1 CTGAAGCGCATCATG 16

RESULT 1399
US-09-866-108A-8620/c
; Sequence 8620, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8546

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      669 CTGAAGCTCACAGT 684
Db      1 CTGAAGCGCATCATG 16

RESULT 1399
US-09-866-108A-8620/c
; Sequence 8620, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8546

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8620
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8620

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      714 GCCAAATTTCAGGAGC 729
Db      17 GCCCAATGTCAGCAGC 2

RESULT 1400
US-09-866-108A-8621/c
; Sequence 8621, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8621
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8621

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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8781
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8781

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGT 684
Db 17 CTCTAGGTCACAGT 2

RESULT 1404
US-09-866-108A-8782/c
Sequence 8782, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8782
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108A-8782

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 669 CTGAAGCTCACAGT 684
Db 16 CTCTAGGTCACAGT 1

RESULT 1405
US-09-866-108A-8949
Sequence 8949, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8949
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8949

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 458 CCAGGAGAGCTCCAG 473
Db 2 CCTGGAAGAGCTGAAG 17

RESULT 1406
US-09-866-108A-8951
Sequence 8951, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang

```

; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8951
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8951

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Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 459 CAGGAGAGCTCAGG 474
| | | | | | | | | |
Db 1 CTGGAAGAGCTGAAG 16

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RESULT 1407
US-09-866-108A-8968
; Sequence 8968, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8968
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8968

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```

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 759 GAGATGGCAGACTGG 774
| | | | | | | | | |
Db 2 GACATGGAGAGCTGG 17

```

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RESULT 1408
US-09-866-108A-8969
; Sequence 8969, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8969
; LENGTH: 17
; TYPE: DNA

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;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 9012
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-9012

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 636 TCCGCTCCCTGCAAC 651
||| ||||| |||||
DB 16 TCCAGTCCATGCACC 1

RESULT 1412
US-09-866-108A-9036
;; Sequence 9036, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 9036
;; LENGTH: 17

;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-9036
Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 334 TGGAGCAACTTGTGC 349
||||| ||||| |||||
DB 1 TGGAGCAACTTGCAGC 16

RESULT 1413
US-09-866-108A-9098
;; Sequence 9098, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECOMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108A
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 9098
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-9098

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 376 TGGCCGTCCTGTGC 391
||||| ||||| |||||
DB 2 TTGCCGCACTGCAGC 17

RESULT 1414
US-09-866-108A-9099
;; Sequence 9099, Application US/09866108A
;; Patent No. 6686188
;; GENERAL INFORMATION:


```

; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AEWICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9099
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9099

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 376 TGCCGCTCTGCTGGC 391
DB 1 TTGCCGACCTGCAGGC 16

RESULT 1415
US-09-866-108A-9100
; Sequence 9100, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AEWICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9099
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9099

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AEWICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9100
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9100

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 378 GCCGCTCTGCTGGC 393
DB 2 GCCGACCTGCAGGCTG 17

RESULT 1416
US-09-866-108A-9101
; Sequence 9101, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEWICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AEWICA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9101

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LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-9101

Query Match

Best Local Similarity 1.3%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 378 GCCGCTCTGCTGGCGG 393

Db 1 GCCGACCTGAGGCTG 16

RESULT 1417

US-09-866-108A-9212/c

Sequence 9212, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-09-27

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

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PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

PRIOR FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-09-27

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

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PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

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PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9215
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9215

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      202 TCCTGGGTCCAGCC 217
      ||||| ||||| |||||
DB      2 TCCTCAGCTCCAGCC 17

RESULT 1420
US-09-866-108A-9215
; Sequence 9215, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9216
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9216

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      202 TCCTGGGTCCAGCC 217
      ||||| ||||| |||||
DB      2 TCCTCAGCTCCAGCC 17

RESULT 1421
US-09-866-108A-9245/c
; Sequence 9245, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9245
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9245

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      617 CATCTCAACCCAGCGCT 632
      ||||| ||||| |||||
DB      17 CAGCTCAACCCAGCGCT 2

RESULT 1422
US-09-866-108A-9246/c
; Sequence 9246, Application US/09866108A
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; SEQ ID NO 9216
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9216

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      202 TCCTGGGTCCAGCC 217
      ||||| ||||| |||||
DB      1 TCCTCAGCTCCAGCC 16

RESULT 1421
US-09-866-108A-9245/c
; Sequence 9245, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9245
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9245

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      617 CATCTCAACCCAGCGCT 632
      ||||| ||||| |||||
DB      17 CAGCTCAACCCAGCGCT 2

RESULT 1422
US-09-866-108A-9246/c
; Sequence 9246, Application US/09866108A
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; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9246
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9246

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7,5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 617 CATCTCAACGAGGCT 632
DB 16 CAGCTCAACGAGGACT 1

RESULT 1423
US-09-866-108A-9625
; Sequence 9625, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9246
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9246

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7,5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 617 CATCTCAACGAGGCT 632
DB 16 CAGCTCAACGAGGACT 1

RESULT 1423
US-09-866-108A-9625
; Sequence 9625, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine

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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9625
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-9625

Query Match 1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7,5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 456 TTCAGGAGAGCTCC 471
DB 2 TTCGTGGAGGCTCC 17

RESULT 1424
US-09-866-108A-9626
; Sequence 9626, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine

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; Patent No. 6686188
; SEQ ID NO 9626
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9626

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 456 TTCGAGGAAGCTCC 471
Db 1 TTCGTGAAGGCTCC 16

RESULT 1425
US-09-866-108A-10207
; Sequence 10207, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10208
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10208

Query Match      1.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 7.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 417 GCTCTCGGCTGCC 432
Db 1 GCTATCCGAAGCCCC 16

RESULT 1427
US-09-866-108A-10476
; Sequence 10476, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
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; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 10476
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-10476

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 597 CGGTGGCGGTGGACG 612
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 Db 2 CGGTGGCGGTGGACG 17

RESULT 1428
 US-09-866-108A-10476
 ; Sequence 10478, Application US/09866108A
 ; Patent No. 6686188
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharon G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: ACOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108A
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Acomica Sequence Listing Engine
 ; Patent No. 6686188
 ; SEQ ID NO 10478
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108A-10478

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 598 GGTGGCGGTGGACGT 613
 |||||
 Db 1 GGTGGCGGTGGACGT 16

RESULT 1429
 PCT-US91-03056-13
 ; Sequence 13, Application PC/TUS9103056
 ; GENERAL INFORMATION:
 ; APPLICANT: Vakharia, Vikram
 ; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES
 ; TITLE OF INVENTION: ASSOCIATED WITH US 18DV VARIANTS, VECTOR CARRYING DNA
 ; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID
 ; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESS: Viviana Amzel, Ph.D.
 ; CITY: San Antonio
 ; STATE: Texas
 ; COUNTRY: USA
 ; ZIP: 78205
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US91/03056
 ; FILING DATE: 19910718
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/514,202
 ; FILING DATE: 14-MAY-1990
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Amzel Ph.D., Viviana
 ; REGISTRATION NUMBER: 30,930
 ; REFERENCE/DOCKET NUMBER: U-0125.02
 ; TELEPHONE: 512/554-5325
 ; TELEFAX: 512/226-8395
 ; TELEX: 762609
 ; INFORMATION FOR SEQ ID NO: 13:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 17 base pairs
 ; TYPE: NUCLEIC ACID
 ; STRANDEDNESS: both
 ; TOPOLOGY: linear
 PCT-US91-03056-13

Query Match 1.3%; Score 11.2; DB 1; Length 17;
 Best Local Similarity 81.2%; Pred. No. 7.5e+02;
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 491 GGATCTTAATTGGAGAT 506
 |||||
 Db 2 GGATCTTAATTGGAGAT 17

RESULT 1430
 PCT-US94-02629-13

; Sequence 13, Application PC/TUS9402629
; GENERAL INFORMATION:
; APPLICANT: King, Te-Piao
; TITLE OF INVENTION: CLONING AND RECOMBINANT PRODUCTION OF
; TITLE OF INVENTION: VESPID VENOM ENZYMES, SUCH AS PHOSPHOLIPASE AND
; TITLE OF INVENTION: HYALURONIDASE, AND IMMUNOLOGICAL THERAPIES BASED THEREON
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02629
; FILING DATE: 10-MAR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/180,209
; FILING DATE: 11-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/031,400
; FILING DATE: 11-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-074 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; PCT-US94-02629-13
; Query Match 1.3%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred. No. 7.5e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; QY 364 CACAAGAGCGCTCTGGC 379
; DB 2 CATAAGAGCGCTCTGAC 17
; RESULT 1431
; 5486454-15/c
; Patent No. 5486454
; APPLICANT: MADONNA, Jane M., WOODS, DEREK
; TITLE OF INVENTION: NUCLEIC ACID PROBE FOR THE DETECTION OF
; TITLE OF INVENTION: SALMONELLA HUMAN PATHOGENS
; NUMBER OF SEQUENCES: 20
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/243,749
; FILING DATE: 17-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 26,256
; FILING DATE: 04-MAR-1993
; APPLICATION NUMBER: 672,743
; FILING DATE: 21-MAR-1991
; APPLICATION NUMBER: 309,441
; FILING DATE: 13-FEB-1989
; SEQ ID NO:16;

; LENGTH: 17
; 5486454-16
; Query Match 1.3%; Score 11.2; DB 1; Length 17;
; Best Local Similarity 81.2%; Pred. No. 7.5e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; QY 221 TCCAGAAAGTGACGGCC 236
; DB 16 TCCGAAAGTGGCGGCC 1
; RESULT 1432
; US-08-958-642-15/c
; Sequence 15, Application US/08958642
; Patent No. 5948623
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: NOVEL METHOD FOR TESTING THE
; TITLE OF INVENTION: DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL
; NUMBER OF SEQUENCES: 16
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/958,642
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/778,423
; FILING DATE: December 31, 1996
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; US-08-958-642-15
; Query Match 1.3%; Score 11.2; DB 1; Length 18;
; Best Local Similarity 81.2%; Pred. No. 8.2e+02;
; Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
; QY 266 GAGCACCTTCAGAAAG 281
; DB 16 GAGCTCCTTCTGGAAG 1
; RESULT 1433
; US-08-778-423A-15/c
; Sequence 15, Application US/08778423A
; Patent No. 6071697
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: NOVEL METHOD FOR TESTING THE
; TITLE OF INVENTION: DIFFERENTIATION STATUS IN PANCREATIC CELLS OF A MAMMAL
; NUMBER OF SEQUENCES: 16
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/778,423A
; FILING DATE: December 31, 1996
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
US-08-778-423A-15

Query Match
Best Local Similarity 81.2%; Score 11.2; DB 1; Length 18;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 266 GAGCACCTTCAGAAAG 281
Db 16 GAGCTCCTTCGGAAG 1

RESULT 1434
US-08-446-926A-4/c
Sequence 4, Application US/08446926A
Patent No. 5567586
GENERAL INFORMATION:
APPLICANT: Croce, Carlo M.
TITLE OF INVENTION: METHODS OF IDENTIFYING SOLID TUMORS WITH
TITLE OF INVENTION: CHROMOSOME ABNORMALITIES IN THE ALL-1 REGION
TITLE OF INVENTION: AND DIAGNOSTIC KITS FOR PERFORMING SAME
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5567586ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,926A
FILING DATE: 18-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mark DeLuca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1466
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-446-926A-4

Query Match
Best Local Similarity 81.2%; Score 11.2; DB 1; Length 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 675 CTCACAGATGGATCTG 690
Db 19 CTCACAGATCCATCTG 4

RESULT 1435
US-08-545-860D-86/c
Sequence 86, Application US/08545860D
Patent No. 6040140
GENERAL INFORMATION:
APPLICANT: Croce, Carlo
APPLICANT: Canaani, Eli

TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1 Region
NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
ADDRESSEE: No. 6040140ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/545,860D
FILING DATE: 07-MAR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/04496
FILING DATE: 22-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/10930
FILING DATE: 09-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/327,392
FILING DATE: 19-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/320,559
FILING DATE: 11-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/062,443
FILING DATE: 14-MAY-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/971,094
FILING DATE: 30-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/888,839
FILING DATE: 27-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/805,093
FILING DATE: 11-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca Esq., Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1262
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 86:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-545-860D-86

Query Match
Best Local Similarity 81.2%; Score 11.2; DB 1; Length 20;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 675 CTCACAGATGGATCTG 690
Db 19 CTCACAGATCCATCTG 4

RESULT 1436


```

PCT-US94-04496-86/c
; Sequence 86, Application PC/TUS9404496
; GENERAL INFORMATION:
; APPLICANT: Croce, Carlo
; TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
; TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
; TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
; ADDRESSEE: Norris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04496
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca Esq., Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1242
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US94-04496-86

Query Match 1.3%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 675 CTCACAGATGATCTG 690
Db 19 CTCACAGATCCATCTG 4

RESULT 1437
US-08-837-201C-99
; Sequence 99, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: US/08/837,201
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

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; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201C
; FILING DATE: April 14, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-837-201C-99

Query Match 1.3%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GCGCGGTGGACGTGC 616
Db 3 GGCTGGTGGAGATGC 18

RESULT 1438
US-09-364-416-99
; Sequence 99, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 99:

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SEQUENCE CHARACTERISTICS:

LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-364-416-99

Query Match 1.3%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 601 GCGCGGTGGACGTGGC 616
||| ||||| |||||
DB 3 GGCTGGTGGAGATGCG 18

RESULT 1439

US-09-697-074-5/c
; Sequence 5, Application US/09697074
; Patent No. 6573050
; GENERAL INFORMATION:
; APPLICANT: BEN-DAVID, Yaacov
; APPLICANT: PAK, Brian J.
; APPLICANT: KERBEL, Robert
; TITLE OF INVENTION: TREATMENT, DIAGNOSIS AND EVALUATION OF ANTI-CANCER
; FILE REFERENCE: 0030-0201P
; CURRENT APPLICATION NUMBER: US/09/697,074
; CURRENT FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,227
; PRIOR FILING DATE: 1999-10-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
; OTHER INFORMATION: Oligonucleotide derived from TYR2.
US-09-697-074-5

Query Match 1.3%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 9.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 878 CATTGAGTCTCTCAT 893
||| ||| |||||
DB 16 CATCAAGGACCTGCAT 1

RESULT 1440

US-09-474-432B-95/c
; Sequence 95, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEH800-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 95
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-95

Query Match 1.3%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 GCTGCAGCTCC 157
||||| |||||
DB 12 GCTGCAGCTCC 2

RESULT 1441

US-09-476-387-95/c
; Sequence 95, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 95
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-95

Query Match 1.3%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 GCTGCAGCTCC 157
||||| |||||
DB 12 GCTGCAGCTCC 2

RESULT 1442

US-08-412-376-40
; Sequence 40, Application US/08412376
; Patent No. 5849900
; GENERAL INFORMATION:
; APPLICANT: Mcelling, Karin
; TITLE OF INVENTION: Inhibition Of Viruses By Antisense
; TITLE OF INVENTION: Oligomers Capable Of Binding To Polypurine-Rich Tract Of Single
; TITLE OF INVENTION: Stranded RNA Or RNA-DNA Hybrids

```

; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSER: Mackiewicz & No. 5849900ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/412,376
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/954,184
; FILING DATE: 29-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Doreen Yanko Trujillo
; REGISTRATION NUMBER: 35,719
; REFERENCE/DOCKET NUMBER: APOL-0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-412-376-40

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Query Match 1.3%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 934 GGTGTTGTTT 944
Db 6 GGTGTTGTTT 16

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Search completed: July 29, 2004, 15:51:33
Job time : 18 secs

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C 109	15.6	1.9	23	1	US-10-106-260A-4972	Sequence 4972, App	C 182	15.6	1.9	24	1	US-10-160-502A-246	Sequence 246, App
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C 114	15.6	1.9	24	1	US-09-978-295A-246	Sequence 246, App	C 187	15.6	1.9	24	1	US-10-013-922A-246	Sequence 246, App
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C 116	15.6	1.9	24	1	US-09-978-192A-246	Sequence 246, App	C 189	15.6	1.9	24	1	US-10-013-924A-246	Sequence 246, App
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C 305	15.2	1.8	23	1	US-10-015-387A-318	Sequence 318, App	C 378	14.4	1.7	17	1	US-09-818-875-36	Sequence 36, Appl
C 306	15.2	1.8	23	1	US-10-006-130A-318	Sequence 318, App	C 379	14.4	1.7	17	1	US-09-818-875-39	Sequence 39, Appl
C 307	15.2	1.8	23	1	US-10-006-172A-318	Sequence 318, App	C 380	14.4	1.7	17	1	US-09-818-875-40	Sequence 40, Appl
C 308	15.2	1.8	23	1	US-10-017-253A-318	Sequence 318, App	C 381	14.4	1.7	17	1	US-09-818-875-43	Sequence 43, Appl
C 309	15.2	1.8	23	1	US-10-015-394A-318	Sequence 318, App	C 382	14.4	1.7	17	1	US-09-818-875-44	Sequence 44, Appl
C 310	15.2	1.8	23	1	US-10-017-867A-318	Sequence 318, App	C 383	14.4	1.7	17	1	US-09-792-818-388	Sequence 388, App
C 311	15.2	1.8	23	1	US-10-017-867A-318	Sequence 318, App	C 384	14.4	1.7	17	1	US-09-792-818-389	Sequence 389, App
C 312	15.2	1.8	23	1	US-10-012-064A-318	Sequence 318, App	C 385	14.4	1.7	17	1	US-10-209-787-35	Sequence 35, Appl
C 313	15.2	1.8	23	1	US-10-013-909A-318	Sequence 318, App	C 386	14.4	1.7	17	1	US-10-209-787-36	Sequence 36, Appl
C 314	15.2	1.8	23	1	US-10-015-671A-318	Sequence 318, App	C 387	14.4	1.7	17	1	US-10-209-787-39	Sequence 39, Appl
C 315	15.2	1.8	23	1	US-10-015-610A-318	Sequence 318, App	C 388	14.4	1.7	17	1	US-10-209-787-40	Sequence 40, Appl
C 316	15.2	1.8	23	1	US-10-012-137A-318	Sequence 318, App	C 389	14.4	1.7	17	1	US-10-209-787-43	Sequence 43, Appl
C 317	15.2	1.8	23	1	US-10-012-752A-318	Sequence 318, App	C 390	14.4	1.7	17	1	US-10-209-787-44	Sequence 44, Appl
C 318	15.2	1.8	23	1	US-10-012-754A-318	Sequence 318, App	C 391	14.4	1.7	17	1	US-10-261-185-35	Sequence 35, Appl
C 319	15.2	1.8	23	1	US-10-013-910A-318	Sequence 318, App	C 392	14.4	1.7	17	1	US-10-261-185-36	Sequence 36, Appl
C 320	15.2	1.8	23	1	US-10-013-911A-318	Sequence 318, App	C 393	14.4	1.7	17	1	US-10-261-185-39	Sequence 39, Appl
C 321	15.2	1.8	23	1	US-10-013-912A-318	Sequence 318, App	C 394	14.4	1.7	17	1	US-10-261-185-40	Sequence 40, Appl
C 322	15.2	1.8	23	1	US-10-015-653A-318	Sequence 318, App	C 395	14.4	1.7	17	1	US-10-261-185-43	Sequence 43, Appl
C 323	15.2	1.8	23	1	US-10-012-101B-318	Sequence 318, App	C 396	14.4	1.7	17	1	US-10-261-185-44	Sequence 44, Appl
C 324	15.2	1.8	23	1	US-10-015-480A-318	Sequence 318, App	C 397	14.4	1.7	18	1	US-10-384-491-203	Sequence 203, App
C 325	15.2	1.8	23	1	US-10-015-715A-318	Sequence 318, App	C 398	14.4	1.7	20	1	US-09-791-406-30	Sequence 30, Appl

C 399	14.4	1.7	20	1	US-09-948-002-51	Sequence 51, Appl	472	13.8	1.7	19	1	US-09-825-155-5	Sequence 5, Appl
C 400	14.4	1.7	20	1	US-10-633-163-51	Sequence 31, Appl	473	13.8	1.7	19	1	US-10-224-005-26	Sequence 26, Appl
C 401	14.4	1.7	20	1	US-10-007-010-32	Sequence 32, Appl	C 474	13.8	1.7	19	1	US-10-224-005-187	Sequence 187, Appl
C 402	14.4	1.7	20	1	US-10-024-369-86	Sequence 86, Appl	C 475	13.8	1.7	19	1	US-10-251-117-218	Sequence 218, Appl
C 403	14.4	1.7	20	1	US-10-160-632-45	Sequence 45, Appl	C 476	13.8	1.7	19	1	US-10-251-117-467	Sequence 467, Appl
C 404	14.4	1.7	20	1	US-10-277-216-181	Sequence 181, Appl	C 477	13.8	1.7	19	1	US-10-349-143-7203	Sequence 7203, Ap
C 405	14.4	1.7	20	1	US-10-126-022-181	Sequence 181, App	C 478	13.8	1.7	19	1	US-10-349-143-10360	Sequence 10360, A
C 406	14.4	1.7	21	1	US-09-997-213-20	Sequence 20, Appl	C 479	13.8	1.7	19	1	US-10-612-121-37	Sequence 37, Appl
C 407	14.4	1.7	21	1	US-10-408-572-10	Sequence 10, Appl	C 480	13.8	1.7	19	1	US-09-802-669-68	Sequence 68, Appl
C 408	14.4	1.7	21	1	US-10-349-143-5841	Sequence 5841, Ap	C 481	13.8	1.7	20	1	US-08-733-2948-105	Sequence 105, App
C 409	14.4	1.7	22	1	US-09-382-860-270	Sequence 270, App	C 482	13.8	1.7	20	1	US-09-780-172-87	Sequence 87, Appl
C 410	14.4	1.7	19	1	US-10-153-219-24	Sequence 24, Appl	C 483	13.8	1.7	20	1	US-09-791-942-60	Sequence 60, Appl
C 411	14.2	1.7	19	1	US-10-314-321A-52	Sequence 52, Appl	C 484	13.8	1.7	20	1	US-10-619-220-68	Sequence 68, Appl
C 412	14.2	1.7	20	1	US-09-752-983-12	Sequence 12, Appl	C 485	13.8	1.7	20	1	US-09-923-517-99	Sequence 99, Appl
C 413	14.2	1.7	20	1	US-09-758-881-26	Sequence 26, Appl	C 486	13.8	1.7	20	1	US-10-054-225-9	Sequence 9, Appl
C 414	14.2	1.7	20	1	US-09-851-771A-32	Sequence 12, Appl	C 487	13.8	1.7	20	1	US-10-181-177-127	Sequence 127, App
C 415	14.2	1.7	20	1	US-09-824-322B-305	Sequence 305, App	C 488	13.8	1.7	20	1	US-10-118-783-14	Sequence 14, Appl
C 416	14.2	1.7	20	1	US-09-952-522B-58	Sequence 58, Appl	C 489	13.8	1.7	20	1	US-10-008-789-4	Sequence 4, Appl
C 417	14.2	1.7	20	1	US-09-864-636A-1287	Sequence 1287, Ap	C 490	13.8	1.7	20	1	US-10-010-002-67	Sequence 67, Appl
C 418	14.2	1.7	20	1	US-09-864-426A-1287	Sequence 1287, Ap	C 491	13.8	1.7	20	1	US-10-024-396-67	Sequence 67, Appl
C 419	14.2	1.7	20	1	US-09-960-143-39	Sequence 39, Appl	C 492	13.8	1.7	20	1	US-10-345-092-132	Sequence 132, App
C 420	14.2	1.7	20	1	US-10-380-020-12	Sequence 12, Appl	C 493	13.8	1.7	20	1	US-10-142-666-61	Sequence 61, Appl
C 421	14.2	1.7	20	1	US-10-307-817-401	Sequence 401, App	C 494	13.8	1.7	20	1	US-10-142-666-73	Sequence 73, Appl
C 422	14.2	1.7	20	1	US-10-016-149-32	Sequence 32, Appl	C 495	13.8	1.7	20	1	US-10-428-617-9	Sequence 9, Appl
C 423	14.2	1.7	20	1	US-10-226-355-14	Sequence 14, Appl	C 496	13.8	1.7	20	1	US-10-430-196-99	Sequence 99, Appl
C 424	14.2	1.7	20	1	US-10-007-010-14	Sequence 14, Appl	C 497	13.8	1.7	20	1	US-10-193-477-107	Sequence 107, App
C 425	14.2	1.7	20	1	US-10-020-478-21	Sequence 21, Appl	C 498	13.8	1.7	20	1	US-10-023-634-118	Sequence 118, App
C 426	14.2	1.7	20	1	US-10-024-396-43	Sequence 43, Appl	C 499	13.8	1.7	20	1	US-10-352-179-30	Sequence 30, Appl
C 427	14.2	1.7	20	1	US-10-084-839-1387	Sequence 1287, Ap	C 500	13.8	1.7	20	1	US-10-210-556-137	Sequence 137, App
C 428	14.2	1.7	20	1	US-10-005-344-12	Sequence 12, Appl	C 501	13.8	1.7	20	1	US-10-210-556-220	Sequence 220, App
C 429	14.2	1.7	20	1	US-10-380-931-155	Sequence 155, App	C 502	13.8	1.7	20	1	US-10-211-908-69	Sequence 69, Appl
C 430	14.2	1.7	20	1	US-10-181-875-45	Sequence 45, Appl	C 503	13.8	1.7	20	1	US-10-304-113-51	Sequence 51, Appl
C 431	14.2	1.7	20	1	US-10-177-554-51	Sequence 51, Appl	C 504	13.8	1.7	20	1	US-10-304-113-129	Sequence 129, App
C 432	14.2	1.7	20	1	US-10-177-562-187	Sequence 187, App	C 505	13.8	1.7	20	1	US-10-315-962-72	Sequence 72, Appl
C 433	14.2	1.7	20	1	US-10-289-762-1292	Sequence 1292, App	C 506	13.8	1.7	20	1	US-10-316-231-63	Sequence 63, Appl
C 434	14.2	1.7	20	1	US-10-289-762-3333	Sequence 3333, Ap	C 507	13.8	1.7	20	1	US-10-316-231-135	Sequence 135, App
C 435	14.2	1.7	20	1	US-10-274-311-51	Sequence 51, Appl	C 508	13.8	1.7	20	1	US-10-317-249-69	Sequence 69, Appl
C 436	14.2	1.7	20	1	US-10-274-311-51	Sequence 51, Appl	C 509	13.8	1.7	20	1	US-10-317-249-146	Sequence 146, App
C 437	14.2	1.7	20	1	US-10-280-183A-538	Sequence 538, App	C 510	13.8	1.7	20	1	US-10-415-463-60	Sequence 60, Appl
C 438	14.2	1.7	20	1	US-10-300-611-44	Sequence 44, Appl	C 511	13.8	1.7	20	1	US-10-319-908-54	Sequence 54, Appl
C 439	14.2	1.7	21	1	US-10-300-611-112	Sequence 112, App	C 512	13.8	1.7	20	1	US-10-744-831-67	Sequence 67, Appl
C 440	14.2	1.7	21	1	US-10-308-128-14	Sequence 14, Appl	C 513	13.8	1.7	21	1	US-09-765-081-391	Sequence 391, App
C 441	14.2	1.7	21	1	US-10-308-128-167	Sequence 167, App	C 514	13.8	1.7	21	1	US-10-456-881-22	Sequence 22, Appl
C 442	14.2	1.7	21	1	US-10-085-906-510	Sequence 510, App	C 515	13.8	1.7	21	1	US-10-104-755-31	Sequence 31, Appl
C 443	14.2	1.7	21	1	US-10-201-386-32	Sequence 32, Appl	C 516	13.8	1.7	21	1	US-10-104-755-49	Sequence 49, Appl
C 444	14.2	1.7	21	1	US-10-648-593-540	Sequence 540, App	C 517	13.8	1.7	21	1	US-10-349-143-7911	Sequence 7911, Ap
C 445	14.2	1.7	21	1	US-10-702-496-59	Sequence 59, Appl	C 518	13.8	1.7	21	1	US-10-349-143-8184	Sequence 8184, Ap
C 446	14.2	1.7	21	1	US-10-702-496-272	Sequence 272, App	C 519	13.8	1.7	21	1	US-10-161-493-230	Sequence 230, App
C 447	14	1.7	17	1	US-08-983-605-377	Sequence 377, App	C 520	13.8	1.7	21	1	US-10-648-593-539	Sequence 539, App
C 448	14	1.7	20	1	US-09-854-883-53	Sequence 53, Appl	C 521	13.8	1.7	21	1	US-10-702-496-58	Sequence 58, Appl
C 449	14	1.7	20	1	US-10-161-996-124	Sequence 124, App	C 522	13.6	1.6	20	1	US-10-702-496-271	Sequence 271, App
C 450	14	1.7	20	1	US-10-161-996-247	Sequence 247, App	C 523	13.6	1.6	20	1	US-10-274-085-64	Sequence 64, Appl
C 451	14	1.7	20	1	US-10-360-510-53	Sequence 53, Appl	C 524	13.6	1.6	20	1	US-10-274-085-172	Sequence 172, App
C 452	14	1.7	20	1	US-10-274-085-64	Sequence 64, Appl	C 525	13.6	1.6	20	1	US-09-800-631-39	Sequence 39, Appl
C 453	14	1.7	20	1	US-10-274-085-172	Sequence 172, App	C 526	13.6	1.6	20	1	US-09-791-243-33	Sequence 33, Appl
C 454	13.8	1.7	17	1	US-09-866-108-8379	Sequence 8379, App	C 527	13.6	1.6	20	1	US-09-766-450-16	Sequence 16, Appl
C 455	13.8	1.7	17	1	US-09-866-108-8381	Sequence 8381, Ap	C 528	13.6	1.6	20	1	US-09-865-993-89	Sequence 89, Appl
C 456	13.8	1.7	17	1	US-09-866-108-8382	Sequence 8382, Ap	C 529	13.6	1.6	20	1	US-09-915-485-61	Sequence 61, Appl
C 457	13.8	1.7	17	1	US-09-866-108-8383	Sequence 8383, Ap	C 530	13.6	1.6	20	1	US-09-915-485-61	Sequence 61, Appl
C 458	13.8	1.7	17	1	US-09-961-077-147	Sequence 147, App	C 531	13.6	1.6	20	1	US-09-915-485-61	Sequence 61, Appl
C 459	13.8	1.7	17	1	US-09-784-674-111	Sequence 111, App	C 532	13.6	1.6	20	1	US-09-915-485-61	Sequence 61, Appl
C 460	13.8	1.7	17	1	US-09-776-474-441	Sequence 441, App	C 533	13.6	1.6	20	1	US-09-915-485-61	Sequence 61, Appl
C 461	13.8	1.7	17	1	US-09-740-332-2165	Sequence 2165, App	C 534	13.6	1.6	20	1	US-10-673-063-32	Sequence 32, Appl
C 462	13.8	1.7	17	1	US-09-740-332-2390	Sequence 2390, Ap	C 535	13.6	1.6	20	1	US-09-943-984-1	Sequence 1, Appl
C 463	13.8	1.7	17	1	US-09-792-818-386	Sequence 386, App	C 536	13.6	1.6	20	1	US-10-335-977-10010	Sequence 10010, A
C 464	13.8	1.7	17	1	US-09-792-818-387	Sequence 387, App	C 537	13.6	1.6	20	1	US-10-144-488-29	Sequence 29, Appl
C 465	13.8	1.7	17	1	US-09-817-879-2165	Sequence 2165, App	C 538	13.6	1.6	20	1	US-10-160-497-25	Sequence 25, Appl
C 466	13.8	1.7	17	1	US-09-817-879-2390	Sequence 2390, Ap	C 539	13.6	1.6	20	1	US-10-160-497-97	Sequence 97, Appl
C 467	13.8	1.7	17	1	US-10-203-224-20	Sequence 20, Appl	C 540	13.6	1.6	20	1	US-10-161-996-147	Sequence 147, App
C 468	13.8	1.7	18	1	US-09-969-373-4310	Sequence 4310, Ap	C 541	13.6	1.6	20	1	US-10-161-996-265	Sequence 265, App
C 469	13.8	1.7	18	1	US-10-388-281-24	Sequence 24, Appl	C 542	13.6	1.6	20	1	US-10-162-846-41	Sequence 41, Appl
C 470	13.8	1.7	18	1	US-10-388-263-241	Sequence 241, App	C 543	13.6	1.6	20	1	US-10-162-846-111	Sequence 111, App
C 471	13.8	1.7	18	1	US-10-303-420-14	Sequence 14, Appl	C 544	13.6	1.6	20	1	US-10-181-874-60	Sequence 60, Appl

545	13.6	20	1	US-10-144-140-50	Sequence 50, Appl	C 618	13.4	1.6	17	1	US-09-780-533A-1296	Sequence 1296, Ap
546	13.6	20	1	US-10-348-750-25	Sequence 25, Appl	C 619	13.4	1.6	17	1	US-09-780-533A-1700	Sequence 1700, Ap
547	13.6	20	1	US-10-348-750-97	Sequence 97, Appl	C 620	13.4	1.6	17	1	US-09-848-754A-1664	Sequence 1664, Ap
548	13.6	20	1	US-10-106-623-11	Sequence 11, Appl	C 621	13.4	1.6	17	1	US-09-848-754A-1665	Sequence 1665, Ap
549	13.6	20	1	US-10-045-073-33	Sequence 33, Appl	C 622	13.4	1.6	17	1	US-09-740-332-1925	Sequence 1925, Ap
550	13.6	20	1	US-10-057-550-33	Sequence 33, Appl	C 623	13.4	1.6	17	1	US-09-740-332-1926	Sequence 1926, Ap
551	13.6	20	1	US-10-045-633A-5	Sequence 5, Appl	C 624	13.4	1.6	17	1	US-09-792-818-390	Sequence 390, App
552	13.6	20	1	US-10-067-123-52	Sequence 52, Appl	C 625	13.4	1.6	17	1	US-09-817-879-1926	Sequence 1926, Ap
553	13.6	20	1	US-10-016-149-31	Sequence 31, Appl	C 626	13.4	1.6	17	1	US-09-817-879-1926	Sequence 1926, Ap
554	13.6	20	1	US-10-173-225B-31	Sequence 31, Appl	C 627	13.4	1.6	17	1	US-10-163-552-829	Sequence 829, App
555	13.6	20	1	US-10-293-783-39	Sequence 39, Appl	C 628	13.4	1.6	17	1	US-10-209-787-3710	Sequence 3710, Ap
556	13.6	20	1	US-10-241-780-25	Sequence 25, Appl	C 629	13.4	1.6	17	1	US-10-209-787-3711	Sequence 3711, Ap
557	13.6	20	1	US-10-026-952-37	Sequence 37, Appl	C 630	13.4	1.6	17	1	US-10-209-787-3714	Sequence 3714, Ap
558	13.6	20	1	US-10-174-794-8	Sequence 8, Appl	C 631	13.4	1.6	17	1	US-10-209-787-3715	Sequence 3715, Ap
559	13.6	20	1	US-10-369-378-32	Sequence 32, Appl	C 632	13.4	1.6	17	1	US-10-209-787-3718	Sequence 3718, Ap
560	13.6	20	1	US-10-369-378-33	Sequence 33, Appl	C 633	13.4	1.6	17	1	US-10-209-787-3719	Sequence 3719, Ap
561	13.6	20	1	US-10-142-666-55	Sequence 55, Appl	C 634	13.4	1.6	17	1	US-10-307-005-2111	Sequence 2111, Ap
562	13.6	20	1	US-10-142-666-67	Sequence 67, Appl	C 635	13.4	1.6	17	1	US-10-307-005-2112	Sequence 2112, Ap
563	13.6	20	1	US-10-238-443-29	Sequence 29, Appl	C 636	13.4	1.6	17	1	US-10-261-185-3710	Sequence 3710, Ap
564	13.6	20	1	US-10-021-707-32	Sequence 32, Appl	C 637	13.4	1.6	17	1	US-10-261-185-3711	Sequence 3711, Ap
565	13.6	20	1	US-10-199-937-167	Sequence 167, App	C 638	13.4	1.6	17	1	US-10-261-185-3715	Sequence 3715, Ap
566	13.6	20	1	US-10-199-937-168	Sequence 168, App	C 639	13.4	1.6	17	1	US-10-261-185-3718	Sequence 3718, Ap
567	13.6	20	1	US-10-396-964-36	Sequence 36, Appl	C 640	13.4	1.6	17	1	US-10-261-185-3719	Sequence 3719, Ap
568	13.6	20	1	US-10-126-355-86	Sequence 86, Appl	C 641	13.4	1.6	17	1	US-10-676-154-351	Sequence 351, App
569	13.6	20	1	US-10-005-344-300	Sequence 300, App	C 642	13.4	1.6	17	1	US-10-712-672-185	Sequence 185, App
570	13.6	20	1	US-10-181-875-59	Sequence 59, Appl	C 643	13.4	1.6	17	1	US-10-712-672-186	Sequence 186, App
571	13.6	20	1	US-10-181-875-83	Sequence 83, Appl	C 644	13.4	1.6	17	1	US-10-712-672-988	Sequence 988, App
572	13.6	20	1	US-10-370-860A-10	Sequence 10, Appl	C 645	13.4	1.6	17	1	US-09-738-444A-16	Sequence 16, Appl
573	13.6	20	1	US-10-370-860A-12	Sequence 12, Appl	C 646	13.4	1.6	18	1	US-10-388-360-79	Sequence 79, Appl
574	13.6	20	1	US-10-388-263-687	Sequence 687, App	C 647	13.4	1.6	18	1	US-10-388-263-232	Sequence 232, App
575	13.6	20	1	US-10-175-233-33	Sequence 33, Appl	C 648	13.4	1.6	18	1	US-10-206-618-25	Sequence 25, Appl
576	13.6	20	1	US-10-175-233-68	Sequence 68, Appl	C 649	13.4	1.6	18	1	US-10-412-801-9	Sequence 9, Appl
577	13.6	20	1	US-10-174-456-70	Sequence 70, Appl	C 650	13.4	1.6	19	1	US-10-251-117-199	Sequence 199, App
578	13.6	20	1	US-10-174-456-127	Sequence 127, App	C 651	13.4	1.6	19	1	US-10-251-117-448	Sequence 448, App
579	13.6	20	1	US-10-349-143-7672	Sequence 7672, Ap	C 652	13.4	1.6	19	1	US-10-251-117-750	Sequence 750, App
580	13.6	20	1	US-10-185-035-53	Sequence 53, Appl	C 653	13.4	1.6	19	1	US-10-251-117-1057	Sequence 1057, Ap
581	13.6	20	1	US-10-185-035-110	Sequence 110, App	C 654	13.4	1.6	19	1	US-10-180-781-29	Sequence 29, Appl
582	13.6	20	1	US-10-189-267-105	Sequence 105, App	C 655	13.4	1.6	19	1	US-10-180-781-43	Sequence 43, Appl
583	13.6	20	1	US-10-189-267-232	Sequence 232, App	C 656	13.4	1.6	19	1	US-10-205-309-270	Sequence 270, App
584	13.6	20	1	US-10-289-763-3532	Sequence 3532, Ap	C 657	13.4	1.6	19	1	US-10-205-309-595	Sequence 595, App
585	13.6	20	1	US-10-289-763-4043	Sequence 4043, Ap	C 658	13.4	1.6	19	1	US-10-287-092-66	Sequence 66, Appl
586	13.6	20	1	US-10-289-763-4080	Sequence 4080, Ap	C 659	13.4	1.6	20	1	US-09-754-167-72	Sequence 72, Appl
587	13.6	20	1	US-10-289-763-5638	Sequence 5638, Ap	C 660	13.4	1.6	20	1	US-09-822-722-4	Sequence 4, Appl
588	13.6	20	1	US-10-289-763-5690	Sequence 5690, Ap	C 661	13.4	1.6	20	1	US-09-918-186A-196	Sequence 196, App
589	13.6	20	1	US-10-210-556-43	Sequence 43, Appl	C 662	13.4	1.6	20	1	US-09-104-750-41	Sequence 41, Appl
590	13.6	20	1	US-10-210-556-166	Sequence 166, App	C 663	13.4	1.6	20	1	US-09-864-426A-2582	Sequence 2582, Ap
591	13.6	20	1	US-10-210-833-100	Sequence 100, App	C 664	13.4	1.6	20	1	US-10-409-107A-59	Sequence 59, Appl
592	13.6	20	1	US-10-210-833-159	Sequence 159, App	C 665	13.4	1.6	20	1	US-09-754-106-59	Sequence 59, Appl
593	13.6	20	1	US-10-273-826-68	Sequence 68, Appl	C 666	13.4	1.6	20	1	US-10-112-2613-23	Sequence 23, Appl
594	13.6	20	1	US-10-274-347-68	Sequence 68, Appl	C 667	13.4	1.6	20	1	US-10-458-746-3	Sequence 3, Appl
595	13.6	20	1	US-10-380-040A-5	Sequence 5, Appl	C 668	13.4	1.6	20	1	US-10-108-732-50	Sequence 50, Appl
596	13.6	20	1	US-10-633-843-34	Sequence 34, Appl	C 669	13.4	1.6	20	1	US-10-204-254A-11	Sequence 11, Appl
597	13.6	20	1	US-10-301-832-80	Sequence 80, Appl	C 670	13.4	1.6	20	1	US-10-204-254A-118	Sequence 118, App
598	13.6	20	1	US-10-301-832-150	Sequence 150, App	C 671	13.4	1.6	20	1	US-10-084-839-2582	Sequence 2582, Ap
599	13.6	20	1	US-10-303-165-19	Sequence 19, Appl	C 672	13.4	1.6	20	1	US-10-369-214-53	Sequence 53, Appl
600	13.6	20	1	US-10-303-165-96	Sequence 96, Appl	C 673	13.4	1.6	20	1	US-10-131-827-8915	Sequence 8915, Ap
601	13.6	20	1	US-10-319-915-64	Sequence 64, Appl	C 674	13.4	1.6	20	1	US-10-728-509-110	Sequence 110, App
602	13.6	20	1	US-09-504-231A-1244	Sequence 1244, Ap	C 675	13.4	1.6	20	1	US-10-303-165-46	Sequence 46, Appl
603	13.4	1.6	15	US-09-274-553D-1244	Sequence 1244, Ap	C 676	13.4	1.6	20	1	US-10-303-165-118	Sequence 118, App
604	13.4	1.6	15	US-09-866-108-7668	Sequence 7668, Ap	C 677	13.4	1.6	20	1	US-10-317-478-18	Sequence 18, Appl
605	13.4	1.6	17	US-09-866-108-7669	Sequence 7669, Ap	C 678	13.4	1.6	20	1	US-10-317-500-221	Sequence 221, App
606	13.4	1.6	17	US-09-866-108-7670	Sequence 7670, Ap	C 679	13.4	1.6	20	1	US-09-838-386-9	Sequence 9, Appl
607	13.4	1.6	17	US-09-866-108-8380	Sequence 8380, Ap	C 680	13.4	1.6	20	1	US-09-838-386-9	Sequence 9, Appl
608	13.4	1.6	17	US-09-866-108-8380	Sequence 8380, Ap	C 681	13.4	1.6	20	1	US-09-774-381-11	Sequence 11, Appl
609	13.4	1.6	17	US-09-818-875-3710	Sequence 3710, Ap	C 682	13.4	1.6	20	1	US-09-791-190A-12	Sequence 12, Appl
610	13.4	1.6	17	US-09-818-875-3711	Sequence 3711, Ap	C 683	13.4	1.6	20	1	US-10-316-750A-46	Sequence 46, Appl
611	13.4	1.6	17	US-09-818-875-3714	Sequence 3714, Ap	C 684	13.2	1.6	18	1	US-10-178-325-131	Sequence 131, App
612	13.4	1.6	17	US-09-818-875-3715	Sequence 3715, Ap	C 685	13.2	1.6	18	1	US-10-388-263-138	Sequence 138, App
613	13.4	1.6	17	US-09-818-875-3718	Sequence 3718, Ap	C 686	13.2	1.6	18	1		
614	13.4	1.6	17	US-09-818-875-3719	Sequence 3719, Ap	C 687	13.2	1.6	18	1		
615	13.4	1.6	17	US-09-818-875-3719	Sequence 3719, Ap	C 688	13.2	1.6	18	1		
616	13.4	1.6	17	US-09-784-674-109	Sequence 109, App	C 689	13.2	1.6	18	1		
617	13.4	1.6	17	US-09-784-674-110	Sequence 110, App	C 690	13.2	1.6	18	1		

C 691	13.2	1.6	18	1	US-10-388-263-327	Sequence 327, App	764	13.2	1.6	20	1	US-10-420-845-16	Sequence 16, Appl
C 692	13.2	1.6	18	1	US-10-349-143-5061	Sequence 5061, Ap	765	13.2	1.6	20	1	US-10-032-585-5581	Sequence 5581, Ap
C 693	13.2	1.6	18	1	US-10-138-674-2170	Sequence 2170, Ap	C 766	13.2	1.6	20	1	US-10-032-585-5593	Sequence 5593, Ap
C 694	13.2	1.6	18	1	US-10-287-949A-2170	Sequence 2170, Ap	C 767	13.2	1.6	20	1	US-10-430-196-31	Sequence 31, Appl
C 695	13.2	1.6	19	1	US-09-179-536B-102	Sequence 102, App	C 768	13.2	1.6	20	1	US-10-005-344-93	Sequence 93, Appl
C 696	13.2	1.6	19	1	US-09-297-576A-102	Sequence 102, App	C 769	13.2	1.6	20	1	US-10-005-344-101	Sequence 101, App
C 697	13.2	1.6	19	1	US-10-114-270-255	Sequence 255, App	C 770	13.2	1.6	20	1	US-10-015-115-154	Sequence 154, App
C 698	13.2	1.6	19	1	US-10-016-248-164	Sequence 164, App	C 771	13.2	1.6	20	1	US-10-015-115-173	Sequence 173, App
C 699	13.2	1.6	19	1	US-10-128-560-137	Sequence 137, App	C 772	13.2	1.6	20	1	US-10-015-115-176	Sequence 176, App
C 700	13.2	1.6	19	1	US-10-251-117-137	Sequence 137, App	C 773	13.2	1.6	20	1	US-10-349-505-5	Sequence 5, Appl
C 701	13.2	1.6	19	1	US-10-251-117-386	Sequence 386, App	C 774	13.2	1.6	20	1	US-10-173-718-42	Sequence 42, Appl
C 702	13.2	1.6	19	1	US-10-251-117-609	Sequence 609, App	C 775	13.2	1.6	20	1	US-10-174-559-73	Sequence 73, Appl
C 703	13.2	1.6	19	1	US-10-251-117-668	Sequence 668, App	C 776	13.2	1.6	20	1	US-10-175-239-34	Sequence 34, Appl
C 704	13.2	1.6	19	1	US-10-251-117-790	Sequence 790, App	C 777	13.2	1.6	20	1	US-10-175-239-69	Sequence 69, Appl
C 705	13.2	1.6	19	1	US-10-251-117-916	Sequence 916, App	C 778	13.2	1.6	20	1	US-10-177-554-46	Sequence 46, Appl
C 706	13.2	1.6	19	1	US-10-251-117-975	Sequence 975, App	C 779	13.2	1.6	20	1	US-10-177-554-182	Sequence 182, App
C 707	13.2	1.6	19	1	US-10-251-117-1097	Sequence 1097, Ap	C 780	13.2	1.6	20	1	US-10-327-481A-41	Sequence 41, Appl
C 708	13.2	1.6	19	1	US-10-367-438-331	Sequence 331, App	C 781	13.2	1.6	20	1	US-10-349-143-10825	Sequence 10825, A
C 709	13.2	1.6	19	1	US-10-349-143-7520	Sequence 7520, Ap	C 782	13.2	1.6	20	1	US-10-289-762-2327	Sequence 2327, Ap
C 710	13.2	1.6	20	1	US-10-303-420-48	Sequence 48, Appl	C 783	13.2	1.6	20	1	US-10-289-762-4282	Sequence 4282, Ap
C 711	13.2	1.6	20	1	US-09-754-106-59	Sequence 59, Appl	C 784	13.2	1.6	20	1	US-10-289-762-5306	Sequence 5306, Ap
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C 713	13.2	1.6	20	1	US-09-752-983-101	Sequence 101, App	C 786	13.2	1.6	20	1	US-10-447-136-113	Sequence 113, App
C 714	13.2	1.6	20	1	US-09-758-881-34	Sequence 34, Appl	C 787	13.2	1.6	20	1	US-10-199-199-43	Sequence 43, Appl
C 715	13.2	1.6	20	1	US-09-303-510-71	Sequence 71, Appl	C 788	13.2	1.6	20	1	US-10-199-199-87	Sequence 87, Appl
C 716	13.2	1.6	20	1	US-09-303-040-72	Sequence 72, Appl	C 789	13.2	1.6	20	1	US-10-199-199-116	Sequence 116, Appl
C 717	13.2	1.6	20	1	US-09-062-113-21	Sequence 21, Appl	C 790	13.2	1.6	20	1	US-10-199-199-145	Sequence 145, App
C 718	13.2	1.6	20	1	US-09-921-667-13	Sequence 13, Appl	C 791	13.2	1.6	20	1	US-10-455-552-91	Sequence 91, Appl
C 719	13.2	1.6	20	1	US-09-918-686-81	Sequence 81, Appl	C 792	13.2	1.6	20	1	US-10-210-838-27	Sequence 27, Appl
C 720	13.2	1.6	20	1	US-09-731-457B-10	Sequence 10, Appl	C 793	13.2	1.6	20	1	US-10-210-838-136	Sequence 136, App
C 721	13.2	1.6	20	1	US-09-901-484A-174	Sequence 174, App	C 794	13.2	1.6	20	1	US-10-373-826-24	Sequence 24, Appl
C 722	13.2	1.6	20	1	US-09-969-373-3018	Sequence 3018, Ap	C 795	13.2	1.6	20	1	US-10-274-347-24	Sequence 24, Appl
C 723	13.2	1.6	20	1	US-09-969-373-3020	Sequence 3020, Ap	C 796	13.2	1.6	20	1	US-10-548-136-13	Sequence 13, Appl
C 724	13.2	1.6	20	1	US-09-895-382-16	Sequence 16, Appl	C 797	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 725	13.2	1.6	20	1	US-09-826-581-10	Sequence 10, Appl	C 798	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 726	13.2	1.6	20	1	US-09-721-243-19	Sequence 19, Appl	C 799	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 727	13.2	1.6	20	1	US-09-791-243-59	Sequence 59, Appl	C 800	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 728	13.2	1.6	20	1	US-09-853-528-174	Sequence 174, App	C 801	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 729	13.2	1.6	20	1	US-09-964-261-204	Sequence 204, App	C 802	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 730	13.2	1.6	20	1	US-09-824-322B-123	Sequence 123, App	C 803	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 731	13.2	1.6	20	1	US-09-942-310-20	Sequence 20, Appl	C 804	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 732	13.2	1.6	20	1	US-09-915-485-77	Sequence 77, Appl	C 805	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 733	13.2	1.6	20	1	US-09-741-744A-58	Sequence 58, Appl	C 806	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 734	13.2	1.6	20	1	US-09-915-814-116	Sequence 116, App	C 807	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 735	13.2	1.6	20	1	US-09-921-922A-2	Sequence 2, Appl	C 808	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 736	13.2	1.6	20	1	US-09-866-066-39	Sequence 39, Appl	C 809	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 737	13.2	1.6	20	1	US-10-626-772-24	Sequence 24, Appl	C 810	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 738	13.2	1.6	20	1	US-10-380-126-34	Sequence 34, Appl	C 811	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 739	13.2	1.6	20	1	US-10-380-126-77	Sequence 77, Appl	C 812	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 740	13.2	1.6	20	1	US-09-923-517-31	Sequence 31, Appl	C 813	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 741	13.2	1.6	20	1	US-09-888-361-133	Sequence 133, App	C 814	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 742	13.2	1.6	20	1	US-10-160-497-53	Sequence 53, App	C 815	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 743	13.2	1.6	20	1	US-10-144-140-4	Sequence 14, App	C 816	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 744	13.2	1.6	20	1	US-10-348-750-53	Sequence 53, Appl	C 817	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 745	13.2	1.6	20	1	US-10-348-750-114	Sequence 114, App	C 818	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 746	13.2	1.6	20	1	US-10-421-763-17	Sequence 17, App	C 819	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 747	13.2	1.6	20	1	US-10-086-181-8	Sequence 8, Appl	C 820	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 748	13.2	1.6	20	1	US-10-039-876A-13	Sequence 13, Appl	C 821	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 749	13.2	1.6	20	1	US-10-181-846-136	Sequence 136, App	C 822	13.2	1.6	20	1	US-10-255-120-892	Sequence 892, App
C 750	13.2	1.6	20	1	US-10-238-443-36	Sequence 36, Appl	C 823	13	1.6	15	1	US-09-504-231A-440	Sequence 440, App
C 751	13.2	1.6	20	1	US-10-219-834-38	Sequence 38, Appl	C 824	13	1.6	15	1	US-09-504-231A-1245	Sequence 1245, Ap
C 752	13.2	1.6	20	1	US-10-016-149-33	Sequence 33, Appl	C 825	13	1.6	15	1	US-09-274-553D-440	Sequence 440, App
C 753	13.2	1.6	20	1	US-10-007-078-33	Sequence 33, Appl	C 826	13	1.6	15	1	US-09-274-553D-440	Sequence 440, App
C 754	13.2	1.6	20	1	US-10-309-362-36	Sequence 36, Appl	C 827	13	1.6	15	1	US-09-263-959-59	Sequence 59, Appl
C 755	13.2	1.6	20	1	US-10-006-883B-78	Sequence 78, Appl	C 828	13	1.6	15	1	US-10-010-802-180	Sequence 180, App
C 756	13.2	1.6	20	1	US-10-207-498-20	Sequence 20, Appl	C 829	13	1.6	17	1	US-09-866-108-1758	Sequence 1758, Ap
C 757	13.2	1.6	20	1	US-10-314-076-10	Sequence 10, Appl	C 830	13	1.6	17	1	US-09-866-108-1759	Sequence 1759, Ap
C 758	13.2	1.6	20	1	US-10-232-858-21	Sequence 21, Appl	C 831	13	1.6	17	1	US-09-866-108-1760	Sequence 1760, Ap
C 759	13.2	1.6	20	1	US-10-353-150-81	Sequence 81, Appl	C 832	13	1.6	17	1	US-09-866-108-1761	Sequence 1761, Ap
C 760	13.2	1.6	20	1	US-10-323-463-7	Sequence 7, Appl	C 833	13	1.6	17	1	US-09-866-108-1762	Sequence 1762, Ap
C 761	13.2	1.6	20	1	US-10-054-789-24	Sequence 24, Appl	C 834	13	1.6	17	1	US-10-339-782-358	Sequence 358, App
C 762	13.2	1.6	20	1	US-10-289-845-46	Sequence 46, Appl	C 835	13	1.6	18	1	US-09-969-373-3287	Sequence 3287, Ap
C 763	13.2	1.6	20	1			C 836	13	1.6	18	1	US-10-181-603-10	Sequence 10, Appl

837	13	1.6	19	1	US-10-073-464-4	Sequence 4, Appl	C 910	12.8	1.5	17	1	US-10-163-552-890	Sequence 890, App
C 838	13	1.6	19	1	US-10-340-097-43	Sequence 43, Appl	C 911	12.8	1.5	17	1	US-10-163-552-891	Sequence 891, App
C 839	13	1.6	19	1	US-10-336-215-43	Sequence 43, Appl	912	12.8	1.5	17	1	US-10-156-306-11	Sequence 11, Appl
C 840	13	1.6	19	1	US-10-336-219-43	Sequence 43, Appl	913	12.8	1.5	17	1	US-10-156-306-1273	Sequence 1273, App
C 841	13	1.6	20	1	US-09-730-617-98	Sequence 98, Appl	C 914	12.8	1.5	17	1	US-10-156-306-4867	Sequence 4867, App
C 842	13	1.6	20	1	US-09-989-420-25	Sequence 25, Appl	C 915	12.8	1.5	17	1	US-10-156-306-6865	Sequence 6865, App
C 843	13	1.6	20	1	US-10-144-488-28	Sequence 28, Appl	C 916	12.8	1.5	17	1	US-10-169-983-2	Sequence 2, Appl
C 844	13	1.6	20	1	US-10-153-273-33	Sequence 33, Appl	C 917	12.8	1.5	17	1	US-10-061-201-1670	Sequence 1670, App
C 845	13	1.6	20	1	US-10-153-273-33	Sequence 33, Appl	C 918	12.8	1.5	17	1	US-10-061-201-1671	Sequence 1671, App
C 846	13	1.6	20	1	US-10-016-149-48	Sequence 48, Appl	C 919	12.8	1.5	17	1	US-10-339-793-68	Sequence 68, Appl
C 847	13	1.6	20	1	US-10-006-883A-47	Sequence 47, Appl	C 920	12.8	1.5	17	1	US-10-307-005-1995	Sequence 1995, App
C 848	13	1.6	20	1	US-10-060-632-66	Sequence 66, Appl	C 921	12.8	1.5	17	1	US-10-307-005-1996	Sequence 1996, App
C 849	13	1.6	20	1	US-10-174-460-21	Sequence 21, Appl	C 922	12.8	1.5	17	1	US-10-321-039-623	Sequence 623, App
C 850	13	1.6	20	1	US-10-174-460-60	Sequence 60, Appl	C 923	12.8	1.5	17	1	US-10-138-674-1346	Sequence 1346, App
C 851	13	1.6	20	1	US-10-174-460-102	Sequence 102, Appl	C 924	12.8	1.5	17	1	US-10-138-674-5599	Sequence 5599, App
C 852	13	1.6	20	1	US-10-177-798-85	Sequence 85, Appl	C 925	12.8	1.5	17	1	US-10-138-674-5599	Sequence 5599, App
C 853	13	1.6	20	1	US-10-177-798-85	Sequence 85, Appl	C 926	12.8	1.5	17	1	US-10-138-674-5599	Sequence 5599, App
C 854	13	1.6	20	1	US-10-177-798-68	Sequence 68, Appl	C 927	12.8	1.5	17	1	US-10-138-674-8493	Sequence 8493, App
C 855	13	1.6	20	1	US-10-277-216-92	Sequence 92, Appl	C 928	12.8	1.5	17	1	US-10-138-674-8493	Sequence 8493, App
C 856	13	1.6	20	1	US-10-277-216-209	Sequence 209, Appl	C 929	12.8	1.5	17	1	US-10-676-154-637	Sequence 637, App
C 857	13	1.6	20	1	US-10-189-267-74	Sequence 74, Appl	C 930	12.8	1.5	17	1	US-10-287-949A-1346	Sequence 1346, App
C 858	13	1.6	20	1	US-10-189-267-74	Sequence 74, Appl	C 931	12.8	1.5	17	1	US-10-287-949A-5599	Sequence 5599, App
C 859	13	1.6	20	1	US-10-126-022-92	Sequence 92, Appl	C 932	12.8	1.5	17	1	US-10-287-949A-8493	Sequence 8493, App
C 860	13	1.6	20	1	US-10-126-022-209	Sequence 209, Appl	C 933	12.8	1.5	17	1	US-10-712-672-77	Sequence 77, Appl
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C 862	13	1.6	20	1	US-10-633-843-28	Sequence 28, Appl	C 935	12.8	1.5	17	1	US-10-712-672-506	Sequence 506, App
C 863	12.8	1.5	16	1	US-10-339-674-513	Sequence 513, Appl	C 936	12.8	1.5	17	1	US-10-712-672-699	Sequence 699, App
C 864	12.8	1.5	16	1	US-10-339-674-1463	Sequence 1463, Appl	C 937	12.8	1.5	17	1	US-10-712-672-1184	Sequence 1184, App
C 865	12.8	1.5	16	1	US-10-084-839-3790	Sequence 3790, Appl	C 938	12.8	1.5	17	1	US-10-712-672-2609	Sequence 2609, App
C 866	12.8	1.5	17	1	US-09-866-108-1787	Sequence 1787, Appl	C 939	12.8	1.5	18	1	US-10-669-888A-54	Sequence 54, Appl
C 867	12.8	1.5	17	1	US-09-866-108-1788	Sequence 1788, Appl	C 940	12.8	1.5	18	1	US-09-736-084-66	Sequence 66, Appl
C 868	12.8	1.5	17	1	US-09-866-108-6595	Sequence 6595, Appl	C 941	12.8	1.5	18	1	US-09-880-732-49	Sequence 49, Appl
C 869	12.8	1.5	17	1	US-09-866-108-6596	Sequence 6596, Appl	C 942	12.8	1.5	18	1	US-09-918-156-47	Sequence 47, Appl
C 870	12.8	1.5	17	1	US-09-866-108-7586	Sequence 7586, Appl	C 943	12.8	1.5	18	1	US-10-270-839-125	Sequence 125, App
C 871	12.8	1.5	17	1	US-09-866-108-7587	Sequence 7587, Appl	C 944	12.8	1.5	18	1	US-10-440-850-1109	Sequence 1109, App
C 872	12.8	1.5	17	1	US-09-866-108-8378	Sequence 8378, Appl	C 945	12.8	1.5	18	1	US-10-388-263-341	Sequence 341, App
C 873	12.8	1.5	17	1	US-09-866-108-8384	Sequence 8384, Appl	C 946	12.8	1.5	18	1	US-10-349-143-7334	Sequence 7334, App
C 874	12.8	1.5	17	1	US-09-864-785-146	Sequence 146, Appl	C 947	12.8	1.5	18	1	US-10-349-143-9227	Sequence 9227, App
C 875	12.8	1.5	17	1	US-09-864-785-245	Sequence 245, Appl	C 948	12.8	1.5	19	1	US-10-349-143-11175	Sequence 11175, A
C 876	12.8	1.5	17	1	US-09-864-785-1468	Sequence 1468, Appl	C 949	12.8	1.5	19	1	US-08-424-550B-671	Sequence 671, App
C 877	12.8	1.5	17	1	US-09-825-805-408	Sequence 408, Appl	C 950	12.8	1.5	19	1	US-09-880-732-50	Sequence 50, Appl
C 878	12.8	1.5	17	1	US-09-825-805-856	Sequence 856, Appl	C 951	12.8	1.5	19	1	US-10-087-684-122	Sequence 122, App
C 879	12.8	1.5	17	1	US-09-961-077-149	Sequence 149, Appl	C 952	12.8	1.5	19	1	US-10-218-779-122	Sequence 122, App
C 880	12.8	1.5	17	1	US-09-784-674-112	Sequence 112, Appl	C 953	12.8	1.5	19	1	US-10-020-695-17	Sequence 17, Appl
C 881	12.8	1.5	17	1	US-09-780-533A-1170	Sequence 1170, Appl	C 954	12.8	1.5	19	1	US-10-225-023-487	Sequence 487, App
C 882	12.8	1.5	17	1	US-09-780-533A-1424	Sequence 1424, Appl	C 955	12.8	1.5	19	1	US-10-225-023-1225	Sequence 1225, App
C 883	12.8	1.5	17	1	US-09-780-533A-1940	Sequence 1940, Appl	C 956	12.8	1.5	19	1	US-10-277-216-117	Sequence 117, App
C 884	12.8	1.5	17	1	US-09-877-478-2454	Sequence 2454, Appl	C 957	12.8	1.5	19	1	US-10-349-143-4880	Sequence 4880, App
C 885	12.8	1.5	17	1	US-09-848-754A-1419	Sequence 1419, Appl	C 958	12.8	1.5	19	1	US-10-206-705-60	Sequence 60, Appl
C 886	12.8	1.5	17	1	US-09-848-754A-2448	Sequence 2448, Appl	C 959	12.8	1.5	19	1	US-10-206-705-245	Sequence 245, App
C 887	12.8	1.5	17	1	US-09-776-474-440	Sequence 440, Appl	C 960	12.8	1.5	19	1	US-10-126-022-117	Sequence 117, App
C 888	12.8	1.5	17	1	US-09-776-474-1093	Sequence 1093, Appl	C 961	12.8	1.5	19	1	US-10-444-795B-351	Sequence 351, App
C 889	12.8	1.5	17	1	US-09-930-423-1745	Sequence 1745, Appl	C 962	12.8	1.5	19	1	US-10-444-795B-422	Sequence 422, App
C 890	12.8	1.5	17	1	US-09-827-395A-273	Sequence 273, Appl	C 963	12.8	1.5	19	1	US-10-670-184-88	Sequence 88, Appl
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C 894	12.8	1.5	17	1	US-09-827-395A-894	Sequence 894, Appl	C 967	12.6	1.5	19	1	US-09-959-373-2904	Sequence 2904, App
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C 900	12.8	1.5	17	1	US-09-927-046-1814	Sequence 1814, Appl	C 973	12.6	1.5	19	1	US-10-032-495-23	Sequence 23, Appl
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C 902	12.8	1.5	17	1	US-10-430-882-561	Sequence 561, Appl	C 975	12.6	1.5	19	1	US-10-224-005-156	Sequence 156, App
C 903	12.8	1.5	17	1	US-10-430-882-561	Sequence 561, Appl	C 976	12.6	1.5	19	1	US-10-224-005-317	Sequence 317, App
C 904	12.8	1.5	17	1	US-10-430-882-646	Sequence 646, Appl	C 977	12.6	1.5	19	1	US-10-241-780-24	Sequence 24, Appl
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C 907	12.8	1.5	17	1	US-10-020-038-14	Sequence 14, Appl	C 980	12.6	1.5	19	1	US-10-251-117-54	Sequence 54, Appl
C 908	12.8	1.5	17	1	US-10-163-552-434	Sequence 434, Appl	C 981	12.6	1.5	19	1	US-10-251-117-257	Sequence 257, App
C 909	12.8	1.5	17	1	US-10-163-552-845	Sequence 845, Appl	C 982	12.6	1.5	19	1	US-10-251-117-265	Sequence 265, App


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US-09-866-108-13277/c
; Sequence 13277, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 13277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13277

Query Match      2.0%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred No. 1.5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 401 CACCCTGCTCCAGCAGGCTCTCC 423
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Db 23 CACTCTGCTCCAGCTGGCTGTGC 1

RESULT 12
US-09-906-807-2
; Sequence 2, Application US/09906807
; Patent No. US20020166129A1
; GENERAL INFORMATION:
; APPLICANT: MGLACHLAN, COPRAN NORMAN STUART
; TITLE OF INVENTION: MILK AND MILK PRODUCTS FOR PREVENTING OR TREATING HEART
; FILE REFERENCE: DISEASE
; CURRENT APPLICATION NUMBER: US/09/906,807
; CURRENT FILING DATE: 2001-07-18

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c1129	12.4	1.5	18	1	US-10-349-143-4546	Sequence 4546, Ap	c1202	12.2	1.5	17	1	US-09-818-875-3159	Sequence 3159, Ap
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c1131	12.4	1.5	18	1	US-10-349-143-5600	Sequence 5600, Ap	c1204	12.2	1.5	17	1	US-09-780-533A-1169	Sequence 1169, Ap
c1132	12.4	1.5	18	1	US-10-349-143-5600	Sequence 5600, Ap	c1205	12.2	1.5	17	1	US-09-877-478-1079	Sequence 1079, Ap
c1133	12.4	1.5	18	1	US-10-349-143-5600	Sequence 5600, Ap	c1206	12.2	1.5	17	1	US-09-877-478-1079	Sequence 1079, Ap
c1134	12.4	1.5	18	1	US-10-349-143-5600	Sequence 5600, Ap	c1207	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1135	12.4	1.5	18	1	US-10-343-103-4	Sequence 4, Appl1	c1208	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
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c1143	12.4	1.5	19	1	US-09-863-806-72	Sequence 72, Appl1	c1216	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
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c1152	12.4	1.5	19	1	US-09-863-806-72	Sequence 72, Appl1	c1225	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
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c1158	12.4	1.5	19	1	US-10-211-884-229	Sequence 229, Appl1	c1231	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1159	12.4	1.5	19	1	US-10-211-884-229	Sequence 229, Appl1	c1232	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
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c1166	12.2	1.5	17	1	US-09-866-108-212	Sequence 212, Appl1	c1239	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
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c1177	12.2	1.5	17	1	US-09-866-108-7380	Sequence 7380, Appl1	c1250	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1178	12.2	1.5	17	1	US-09-866-108-7684	Sequence 7684, Appl1	c1251	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1179	12.2	1.5	17	1	US-09-866-108-8240	Sequence 8240, Appl1	c1252	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
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c1181	12.2	1.5	17	1	US-09-866-108-8377	Sequence 8377, Appl1	c1254	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1182	12.2	1.5	17	1	US-09-866-108-8493	Sequence 8493, Appl1	c1255	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1183	12.2	1.5	17	1	US-09-866-108-8950	Sequence 8950, Appl1	c1256	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1184	12.2	1.5	17	1	US-09-866-108-8956	Sequence 8956, Appl1	c1257	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1185	12.2	1.5	17	1	US-09-866-108-9035	Sequence 9035, Appl1	c1258	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1186	12.2	1.5	17	1	US-09-866-108-10477	Sequence 10477, Appl1	c1259	12.2	1.5	17	1	US-09-848-754A-2383	Sequence 2383, Ap
c1187	12.2	1.5	17	1	US-09-827-998-367	Sequence 367, Appl1	c1260	12.2	1.5	17	1	US-09-827-998-367	Sequence 367, Appl1
c1188	12.2	1.5	17	1	US-09-827-998-466	Sequence 466, Appl1	c1261	12.2	1.5	17	1	US-10-342-902-2109	Sequence 2109, Ap
c1189	12.2	1.5	17	1	US-09-872-462-178	Sequence 178, Appl1	c1262	12.2	1.5	17	1	US-10-342-902-2109	Sequence 2109, Ap
c1190	12.2	1.5	17	1	US-09-864-785-145	Sequence 145, Appl1	c1263	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1191	12.2	1.5	17	1	US-09-864-785-222	Sequence 222, Appl1	c1264	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1192	12.2	1.5	17	1	US-09-864-785-244	Sequence 244, Appl1	c1265	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1193	12.2	1.5	17	1	US-09-864-785-431	Sequence 431, Appl1	c1266	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1194	12.2	1.5	17	1	US-09-864-785-1595	Sequence 1595, Appl1	c1267	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1195	12.2	1.5	17	1	US-09-864-785-1605	Sequence 1605, Appl1	c1268	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1196	12.2	1.5	17	1	US-09-825-805-331	Sequence 331, Appl1	c1269	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1197	12.2	1.5	17	1	US-09-825-805-604	Sequence 604, Appl1	c1270	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1198	12.2	1.5	17	1	US-09-825-805-683	Sequence 683, Appl1	c1271	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1199	12.2	1.5	17	1	US-09-861-077-176	Sequence 176, Appl1	c1272	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1200	12.2	1.5	17	1	US-09-818-875-3158	Sequence 3158, Appl1	c1273	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1
c1201	12.2	1.5	17	1	US-09-818-875-3158	Sequence 3158, Appl1	c1274	12.2	1.5	17	1	US-10-675-685-367	Sequence 367, Appl1

c1375	12.2	1.5	17	1	US-10-060-756A-4195	Sequence 4195, Ap	c1348	12.2	1.5	17	1	US-10-287-949A-7199	Sequence 7199, Ap
1276	12.2	1.5	17	1	US-10-060-756A-4228	Sequence 4228, Ap	1349	12.2	1.5	17	1	US-10-287-949A-7587	Sequence 7587, Ap
c1277	12.2	1.5	17	1	US-10-044-539-248	Sequence 248, Ap	c1350	12.2	1.5	17	1	US-10-287-949A-7604	Sequence 7604, Ap
c1278	12.2	1.5	17	1	US-10-044-539-248	Sequence 248, Ap	1351	12.2	1.5	17	1	US-10-287-949A-7992	Sequence 7992, Ap
1279	12.2	1.5	17	1	US-10-060-895A-93	Sequence 93, Ap	c1352	12.2	1.5	17	1	US-10-287-949A-8013	Sequence 8013, Ap
c1280	12.2	1.5	17	1	US-10-060-895A-128	Sequence 128, Ap	c1353	12.2	1.5	17	1	US-10-287-949A-9081	Sequence 9081, Ap
c1281	12.2	1.5	17	1	US-10-060-895A-706	Sequence 706, Ap	1354	12.2	1.5	17	1	US-10-712-672-76	Sequence 76, Ap
c1282	12.2	1.5	17	1	US-10-060-998-126	Sequence 126, Ap	c1355	12.2	1.5	17	1	US-10-712-672-108	Sequence 108, Ap
c1283	12.2	1.5	17	1	US-10-060-998-149	Sequence 149, Ap	c1356	12.2	1.5	17	1	US-10-712-672-1017	Sequence 1017, Ap
1284	12.2	1.5	17	1	US-10-060-998-927	Sequence 927, Ap	c1357	12.2	1.5	17	1	US-10-712-672-1953	Sequence 1953, Ap
c1285	12.2	1.5	17	1	US-10-060-998-928	Sequence 928, Ap	1358	12.2	1.5	17	1	US-10-712-672-1978	Sequence 1978, Ap
c1286	12.2	1.5	17	1	US-10-060-998-1364	Sequence 1364, Ap	c1359	12.2	1.5	17	1	US-10-712-672-2051	Sequence 2051, Ap
c1287	12.2	1.5	17	1	US-10-060-998-1365	Sequence 1365, Ap	1360	12.2	1.5	17	1	US-09-774-381-11	Sequence 11, Ap
c1288	12.2	1.5	17	1	US-10-163-552-62	Sequence 62, Ap	c1361	12.2	1.5	18	1	US-09-866-028-86	Sequence 86, Ap
c1289	12.2	1.5	17	1	US-10-163-552-73	Sequence 73, Ap	c1362	12.2	1.5	18	1	US-09-813-289-4	Sequence 4, Ap
c1290	12.2	1.5	17	1	US-10-163-552-135	Sequence 135, Ap	c1363	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1291	12.2	1.5	17	1	US-10-163-552-392	Sequence 392, Ap	c1364	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1292	12.2	1.5	17	1	US-10-209-324-17	Sequence 17, Ap	c1365	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1293	12.2	1.5	17	1	US-10-156-306-8	Sequence 8, Ap	c1366	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1294	12.2	1.5	17	1	US-10-156-306-1643	Sequence 1643, Ap	c1367	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1295	12.2	1.5	17	1	US-10-156-306-1754	Sequence 1754, Ap	c1368	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1296	12.2	1.5	17	1	US-10-156-306-4897	Sequence 4897, Ap	c1369	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1297	12.2	1.5	17	1	US-10-156-306-5182	Sequence 5182, Ap	c1370	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1298	12.2	1.5	17	1	US-10-156-306-5182	Sequence 5182, Ap	c1371	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1299	12.2	1.5	17	1	US-10-156-306-5839	Sequence 5839, Ap	c1372	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1300	12.2	1.5	17	1	US-10-156-306-5921	Sequence 5921, Ap	c1373	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1301	12.2	1.5	17	1	US-10-156-306-6905	Sequence 6905, Ap	c1374	12.2	1.5	18	1	US-09-989-722-530	Sequence 530, Ap
c1302	12.2	1.5	17	1	US-10-211-060-61	Sequence 61, Ap	c1375	12.2	1.5	18	1	US-09-991-442-530	Sequence 530, Ap
c1303	12.2	1.5	17	1	US-10-138-888-50	Sequence 50, Ap	c1376	12.2	1.5	18	1	US-09-991-442-530	Sequence 530, Ap
c1304	12.2	1.5	17	1	US-10-238-700-286	Sequence 286, Ap	c1377	12.2	1.5	18	1	US-09-945-015-86	Sequence 86, Ap
c1305	12.2	1.5	17	1	US-10-238-700-889	Sequence 889, Ap	c1378	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1306	12.2	1.5	17	1	US-10-238-700-2979	Sequence 2979, Ap	c1379	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1307	12.2	1.5	17	1	US-10-339-782-87	Sequence 87, Ap	c1380	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1308	12.2	1.5	17	1	US-10-061-201-1178	Sequence 1178, Ap	c1381	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1309	12.2	1.5	17	1	US-10-061-201-1797	Sequence 1797, Ap	c1382	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1310	12.2	1.5	17	1	US-10-061-201-1801	Sequence 1801, Ap	c1383	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1311	12.2	1.5	17	1	US-10-061-201-1803	Sequence 1803, Ap	c1384	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1312	12.2	1.5	17	1	US-10-339-793-192	Sequence 192, Ap	c1385	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1313	12.2	1.5	17	1	US-10-338-777-337	Sequence 337, Ap	c1386	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1314	12.2	1.5	17	1	US-10-209-006-2147	Sequence 2147, Ap	c1387	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1315	12.2	1.5	17	1	US-10-209-787-3158	Sequence 3158, Ap	c1388	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1316	12.2	1.5	17	1	US-10-209-787-3159	Sequence 3159, Ap	c1389	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1317	12.2	1.5	17	1	US-10-297-068-562	Sequence 562, Ap	c1390	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1318	12.2	1.5	17	1	US-10-297-068-1235	Sequence 1235, Ap	c1391	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1319	12.2	1.5	17	1	US-10-376-341-202	Sequence 202, Ap	c1392	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1320	12.2	1.5	17	1	US-10-261-185-3158	Sequence 3158, Ap	c1393	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1321	12.2	1.5	17	1	US-10-261-185-3159	Sequence 3159, Ap	c1394	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1322	12.2	1.5	17	1	US-10-138-674-894	Sequence 894, Ap	c1395	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1323	12.2	1.5	17	1	US-10-138-674-1379	Sequence 1379, Ap	c1396	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1324	12.2	1.5	17	1	US-10-138-674-2754	Sequence 2754, Ap	c1397	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1325	12.2	1.5	17	1	US-10-138-674-3219	Sequence 3219, Ap	c1398	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1326	12.2	1.5	17	1	US-10-138-674-3551	Sequence 3551, Ap	c1399	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1327	12.2	1.5	17	1	US-10-138-674-3559	Sequence 3559, Ap	c1400	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1328	12.2	1.5	17	1	US-10-138-674-4704	Sequence 4704, Ap	c1401	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1329	12.2	1.5	17	1	US-10-138-674-4823	Sequence 4823, Ap	c1402	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1330	12.2	1.5	17	1	US-10-138-674-6180	Sequence 6180, Ap	c1403	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1331	12.2	1.5	17	1	US-10-138-674-6439	Sequence 6439, Ap	c1404	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1332	12.2	1.5	17	1	US-10-138-674-7199	Sequence 7199, Ap	c1405	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1333	12.2	1.5	17	1	US-10-138-674-7587	Sequence 7587, Ap	c1406	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1334	12.2	1.5	17	1	US-10-138-674-7604	Sequence 7604, Ap	c1407	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1335	12.2	1.5	17	1	US-10-138-674-7992	Sequence 7992, Ap	c1408	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1336	12.2	1.5	17	1	US-10-138-674-8013	Sequence 8013, Ap	c1409	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1337	12.2	1.5	17	1	US-10-138-674-9081	Sequence 9081, Ap	c1410	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1338	12.2	1.5	17	1	US-10-287-949A-894	Sequence 894, Ap	c1411	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1339	12.2	1.5	17	1	US-10-287-949A-1379	Sequence 1379, Ap	c1412	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1340	12.2	1.5	17	1	US-10-287-949A-2754	Sequence 2754, Ap	c1413	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1341	12.2	1.5	17	1	US-10-287-949A-3219	Sequence 3219, Ap	c1414	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1342	12.2	1.5	17	1	US-10-287-949A-3551	Sequence 3551, Ap	c1415	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1343	12.2	1.5	17	1	US-10-287-949A-3559	Sequence 3559, Ap	c1416	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1344	12.2	1.5	17	1	US-10-287-949A-4704	Sequence 4704, Ap	c1417	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1345	12.2	1.5	17	1	US-10-287-949A-4823	Sequence 4823, Ap	c1418	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1346	12.2	1.5	17	1	US-10-287-949A-6180	Sequence 6180, Ap	c1419	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap
c1347	12.2	1.5	17	1	US-10-287-949A-6439	Sequence 6439, Ap	c1420	12.2	1.5	18	1	US-09-944-396-86	Sequence 86, Ap

c1421	12.2	1.5	18	1	US-09-991-172-530	Sequence 530, App	c1494	12.2	1.5	18	1	US-10-108-260A-5315	Sequence 5315, App
c1422	12.2	1.5	18	1	US-09-990-726-530	Sequence 530, App	c1495	12.2	1.5	18	1	US-10-189-256-6	Sequence 6, Appl
c1423	12.2	1.5	18	1	US-09-997-559-530	Sequence 530, App	1496	12.2	1.5	18	1	US-10-349-143-4727	Sequence 4727, App
c1424	12.2	1.5	18	1	US-09-997-601-530	Sequence 530, App	c1497	12.2	1.5	18	1	US-10-349-143-7466	Sequence 7466, App
c1425	12.2	1.5	18	1	US-09-990-443-530	Sequence 530, App	c1498	12.2	1.5	18	1	US-10-349-143-8004	Sequence 8004, App
c1426	12.2	1.5	18	1	US-09-991-854-530	Sequence 530, App	1499	12.2	1.5	18	1	US-10-382-754B-1	Sequence 1, Appl
c1427	12.2	1.5	18	1	US-09-997-628-530	Sequence 530, App	c1500	12.2	1.5	18	1	US-10-368-730-2	Sequence 2, Appl
c1428	12.2	1.5	18	1	US-09-997-683-530	Sequence 530, App	1501	12.2	1.5	18	1	US-10-206-618-26	Sequence 26, Appl
c1429	12.2	1.5	18	1	US-09-988-729A-530	Sequence 530, App	c1502	12.2	1.5	18	1	US-10-435-696-145	Sequence 145, App
c1430	12.2	1.5	18	1	US-09-997-349-530	Sequence 530, App	c1503	12.2	1.5	18	1	US-10-138-674-3023	Sequence 3023, App
c1431	12.2	1.5	18	1	US-09-997-440-530	Sequence 530, App	c1504	12.2	1.5	18	1	US-10-287-949A-3023	Sequence 15, Appl
c1432	12.2	1.5	18	1	US-09-990-440-530	Sequence 530, App	c1505	12.2	1.5	20	1	US-10-175-492-15	Sequence 93, Appl
c1433	12.2	1.5	18	1	US-09-993-469-530	Sequence 530, App	1506	12.2	1.5	20	1	US-10-175-492-93	Sequence 21, Appl
c1434	12.2	1.5	18	1	US-09-997-542-530	Sequence 530, App	1507	12.2	1.5	20	1	US-10-174-460-21	Sequence 21, Appl
c1435	12.2	1.5	18	1	US-09-993-748-530	Sequence 530, App	1508	12	1.4	14	1	US-09-504-231A-1339	Sequence 1339, App
c1436	12.2	1.5	18	1	US-09-990-427-530	Sequence 530, App	1509	12	1.4	14	1	US-09-274-553D-1339	Sequence 31, Appl
c1437	12.2	1.5	18	1	US-09-989-328-530	Sequence 530, App	c1510	12	1.4	14	1	US-09-888-164-31	Sequence 439, App
c1438	12.2	1.5	18	1	US-09-993-583-530	Sequence 530, App	c1511	12	1.4	15	1	US-09-504-231A-441	Sequence 1246, App
c1439	12.2	1.5	18	1	US-09-944-884-86	Sequence 86, Appl	c1512	12	1.4	15	1	US-09-504-231A-1246	Sequence 439, App
c1440	12.2	1.5	18	1	US-09-941-993-530	Sequence 530, App	c1513	12	1.4	15	1	US-09-274-553D-439	Sequence 441, App
c1441	12.2	1.5	18	1	US-09-941-993-530	Sequence 530, App	c1514	12	1.4	15	1	US-09-274-553D-441	Sequence 1246, App
c1442	12.2	1.5	18	1	US-09-944-852-86	Sequence 86, Appl	c1515	12	1.4	15	1	US-09-274-553D-1246	Sequence 439, App
c1443	12.2	1.5	18	1	US-09-997-333-530	Sequence 530, App	c1516	12	1.4	15	1	US-09-274-553D-441	Sequence 1246, App
c1444	12.2	1.5	18	1	US-09-997-384-530	Sequence 530, App	1517	12	1.4	15	1	US-09-274-553D-441	Sequence 350, App
c1445	12.2	1.5	18	1	US-09-997-321-20	Sequence 20, Appl	c1518	12	1.4	15	1	US-10-056-414-350	Sequence 182, App
1446	12.2	1.5	18	1	US-09-993-321-20	Sequence 20, Appl	1519	12	1.4	15	1	US-10-010-802-182	Sequence 4, Appl
c1447	12.2	1.5	18	1	US-09-943-780-86	Sequence 86, Appl	1520	12	1.4	15	1	US-10-356-625-4	Sequence 26, Appl
c1448	12.2	1.5	18	1	US-09-998-041-530	Sequence 530, App	c1521	12	1.4	16	1	US-09-318-686-29	Sequence 29, Appl
c1449	12.2	1.5	18	1	US-09-997-585-530	Sequence 530, App	c1522	12	1.4	16	1	US-10-353-150-29	Sequence 29, Appl
c1450	12.2	1.5	18	1	US-09-997-614-530	Sequence 530, App	1523	12	1.4	17	1	US-09-866-108-1757	Sequence 1757, App
c1451	12.2	1.5	18	1	US-09-989-863-530	Sequence 530, App	1524	12	1.4	17	1	US-09-866-108-1763	Sequence 1763, App
c1452	12.2	1.5	18	1	US-09-997-528-530	Sequence 530, App	1525	12	1.4	17	1	US-09-866-108-1762	Sequence 7672, App
c1453	12.2	1.5	18	1	US-09-989-728-530	Sequence 530, App	1526	12	1.4	17	1	US-09-866-108-7673	Sequence 7673, App
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c1457	12.2	1.5	18	1	US-09-927-876-58	Sequence 58, Appl	c1530	12	1.4	17	1	US-09-880-732-52	Sequence 52, Appl
1458	12.2	1.5	18	1	US-09-930-512-112	Sequence 112, App	1531	12	1.4	17	1	US-09-864-785-346	Sequence 346, App
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1477	12.2	1.5	18	1	US-10-128-560-25	Sequence 25, Appl	c1551	12	1.4	17	1	US-09-745-237A-464	Sequence 464, App
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ALIGNMENTS

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RESULT 1
US-09-870-956-48
; Sequence 48, Application US/09870956
; Patent No. US2002012766SA1
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; TITLE OF INVENTION: The State University of New Jersey
; TITLE OF INVENTION: No. US2002012766SA1el Compositions for the Expression of the Huma
; TITLE OF INVENTION: Histidine Transporter 1 and Methods of Use thereof
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31

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; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-48

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Best Local Similarity 87.0%; Pred. NO. 75;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      377 GCGCGTCTCTGCTGGCGGGCACAC 399
Db      1 GCGCGTCTCTGCTGGCGGGCACGC 23

RESULT 2
US-10-168-048A-3
; Sequence 3, Application US/10168048A
; Publication No. US20030143695A1
; GENERAL INFORMATION:
; APPLICANT: HINUMA, Shuji
; APPLICANT: FUKUSUMI, Shoji
; APPLICANT: FUJI, Ryo
; APPLICANT: HOSOYA, Masaki
; TITLE OF INVENTION: No. US20030143695A1el Polypeptide and DNA thereof
; FILE REFERENCE: 2678 USOP
; CURRENT APPLICATION NUMBER: US/10/168,048A
; PRIOR FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: PCT/JP00/08896
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: JP 11-358707
; PRIOR FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: JP 2000-46825
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: primer
US-10-168-048A-3

Query Match      2.2%; Score 18; DB 1; Length 27;
Best Local Similarity 80.8%; Pred. NO. 83;
Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

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Db      2 GGAAGAGCAGCATGAAGCTGGCAATC 27

RESULT 3
US-10-098-263B-98644
; Sequence 98644, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 98644
; LENGTH: 25

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